Epigenetics
DNA Methylation

Transcription: ON

DNA Methylation

Transcription: OFF

Unmethylated Cytosine

Methylated Cytosine

NURD Complex

Sin3A Complex

Chromatin condensation

TET1 antibody (GTX627420)

DNMT1 antibody [N1], N-term (GTX116011)

SIN3A antibody (GTX129156)

HDAC2 antibody [HL1545] (GTX637020)

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TET Family Antibodies

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Product Name</th>
<th>Clonality</th>
<th>Reactivity</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTX627420</td>
<td>TET1 antibody [GT1462]</td>
<td>Ms mAb</td>
<td>Hu,Ms</td>
<td>WB, ICC/IP, IHC-P</td>
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<tr>
<td>GTX124207</td>
<td>TET1 antibody [N3C1]</td>
<td>Rb pAb</td>
<td>Hu,Ms,Mk</td>
<td>WB, IHC-Wm, IP, ChIP assay, IHC-P</td>
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<tr>
<td>GTX629881</td>
<td>TET2 antibody [GT649]</td>
<td>Ms mAb</td>
<td>Hu,Ms</td>
<td>WB, IP, ChIP assay</td>
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<tr>
<td>GTX124205</td>
<td>TET2 antibody [N2-2], N-term</td>
<td>Rb pAb</td>
<td>Hu,Ms</td>
<td>WB, IHC-P, IP, ChIP assay</td>
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<tr>
<td>GTX628257</td>
<td>TET3 antibody [GT334]</td>
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<td>Hu,Ms</td>
<td>WB, IHC-P, IP, ChIP assay</td>
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<tr>
<td>GTX121453</td>
<td>TET3 antibody [C3], C-term</td>
<td>Rb pAb</td>
<td>Hu,Ms,Bov,X. laevis</td>
<td>WB, IHC/IP, IHC-Wm, IP, ChIP assay</td>
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TDG and BER Protein Antibodies

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<thead>
<tr>
<th>Cat. No.</th>
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</thead>
<tbody>
<tr>
<td>GTX110558</td>
<td>APE1 antibody</td>
<td>Rb pAb</td>
<td>Hu,Ms,Rat</td>
<td>WB, ICC/IP, IHC-P, IP, ChIP assay</td>
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<tr>
<td>GTX70141</td>
<td>DNA ligase I antibody [10H5]</td>
<td>Ms mAb</td>
<td>Hu,Ms</td>
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<tr>
<td>GTX102936</td>
<td>DNA ligase I antibody [C2C3], C-term</td>
<td>Rb pAb</td>
<td>Hu</td>
<td>WB</td>
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<tr>
<td>GTX638333</td>
<td>DNA ligase III antibody [HL2280]</td>
<td>Rec Rb mAb</td>
<td>Hu,Ms,Rat</td>
<td>WB</td>
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<tr>
<td>GTX103197</td>
<td>DNA ligase III antibody [C2C3], C-term</td>
<td>Rb pAb</td>
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<tr>
<td>GTX636986</td>
<td>DNA polymerase beta antibody [HL1512]</td>
<td>Rec Rb mAb</td>
<td>Hu,Ms,Rat,Zfas, R, K</td>
<td>WB, ICC/IP, IHC-P</td>
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<td>GTX636804</td>
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<td>Rec Rb mAb</td>
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<td>GTX628836</td>
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<td>GTX100573</td>
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<td>Rb pAb</td>
<td>Hu,Ms,Rat</td>
<td>WB, ICC/IP, IHC-P, IP, ChIP assay</td>
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<tr>
<td>GTX132329</td>
<td>PARP (cleaved Asp214) antibody</td>
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<tr>
<td>GTX108569</td>
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<td>Hu</td>
<td>WB, IHC-P</td>
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<td>GTX631718</td>
<td>TDG antibody [GT311]</td>
<td>Ms mAb</td>
<td>Hu,Ms</td>
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<td>Rb pAb</td>
<td>Hu,Ms</td>
<td>WB, IHC-P</td>
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<td>GTX111712</td>
<td>XRCC1 antibody [N1N3]</td>
<td>Rb pAb</td>
<td>Hu,Rat</td>
<td>WB, ICC/IP, IHC-P</td>
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Quality Antibodies · Quality Results
**Cytosine Antibodies**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>GTX629448</td>
<td>5-Methylcytosine / 5-mC antibody [GT4111]</td>
<td>Ms mAb</td>
<td>Species independent</td>
<td>IHC-P, IHC-Fr, IHC-Wm, Dot, EM, MeDIP</td>
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<td>GTX128455</td>
<td>5-Methylcytosine / 5-mC antibody</td>
<td>Rb pAb</td>
<td>Species independent</td>
<td>Dot, EM, MeDIP</td>
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<td>GTX629765</td>
<td>5-Hydroxymethylcytosine / 5-hmC antibody [GT13612]</td>
<td>Ms mAb</td>
<td>Species independent</td>
<td>IHC-P, IHC-Fr, Dot, EM, MeDIP</td>
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<tr>
<td>GTX128454</td>
<td>5-Hydroxymethylcytosine / 5-hmC antibody</td>
<td>Rb pAb</td>
<td>Species independent</td>
<td>Dot, MeDIP</td>
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<tr>
<td>GTX60801</td>
<td>5-Carboxylcytosine / 5-caC antibody</td>
<td>Rb pAb</td>
<td>Species independent</td>
<td>ICC/IF, IP, Dot, ChIP assay</td>
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**Methylated Cytosine DNA Standard Kit**

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<tbody>
<tr>
<td>GTX400004</td>
<td>Methylated Cytosine DNA Standard Kit</td>
<td>2 µg</td>
<td>2 µg</td>
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<td>2 µg</td>
<td>2 µg</td>
<td>50 ng/µl</td>
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**Anti-Cytosine Antibodies**

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<th>Anti-Cytosine Antibodies</th>
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<tr>
<td>5mC, 5hmC, 5fC, 5caC</td>
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Methylated cytosine DNA standard kit (GTX400004)
### DNMT Family Antibodies

<table>
<thead>
<tr>
<th>Cat. No.</th>
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<th>Clonality</th>
<th>Reactivity</th>
<th>Applications</th>
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</thead>
<tbody>
<tr>
<td>GTX116011</td>
<td>DNMT1 antibody [N1], N-term</td>
<td>Rb pAb</td>
<td>Hu, Ms</td>
<td>WB, ICC/IF, IHC-P, IP, ChIP assay</td>
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<td>GTX48548</td>
<td>DNMT1 antibody [6081220.1]</td>
<td>Ms mAb</td>
<td>Hu, Ms, Rat, Pig</td>
<td>WB, ICC/IF, IHC-P, FACS, IP, ChIP assay, MS, IHC (Free Floating)</td>
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<td>GTX13899</td>
<td>DNMT2 antibody [10281259.2]</td>
<td>Rb pAb</td>
<td>Hu, Ms</td>
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<td>GTX129125</td>
<td>DNMT3A antibody</td>
<td>Rb pAb</td>
<td>Hu, Ms, Rat</td>
<td>WB, ICC/IF, IHC-P, IP, EM</td>
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<td>GTX129127</td>
<td>DNMT3B antibody</td>
<td>Rb pAb</td>
<td>Hu, Rat</td>
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### Chromatin Protein Antibodies

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Product Name</th>
<th>Clonality</th>
<th>Reactivity</th>
<th>Applications</th>
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</thead>
<tbody>
<tr>
<td>GTX131779</td>
<td>CHD3 antibody</td>
<td>Rb pAb</td>
<td>Hu, Ms</td>
<td>WB, ICC/IF, IHC-P</td>
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<td>GTX124186</td>
<td>CHD4 antibody</td>
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<td>Hu, Ms</td>
<td>WB, ICC/IF, IHC-P, IP</td>
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<tr>
<td>GTX110384</td>
<td>EZH2 antibody</td>
<td>Rb pAb</td>
<td>Hu, Rat</td>
<td>WB, ICC/IF, ChIP assay</td>
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<td>GTX637290</td>
<td>HDAC1 antibody [HL1691]</td>
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<td>Hu</td>
<td>WB, ICC/IF</td>
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<td>GTX100513</td>
<td>HDAC1 antibody</td>
<td>Rb pAb</td>
<td>Hu, Ms, Rat, Zfh</td>
<td>WB, ICC/IF, IHC-P, IHC-Wm, IP, ChIP assay</td>
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<tr>
<td>GTX637020</td>
<td>HDAC2 antibody [HL1545]</td>
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<td>Hu, Ms, Rat</td>
<td>WB, ICC/IF, IHC-P</td>
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<td>GTX109642</td>
<td>HDAC2 antibody</td>
<td>Rb pAb</td>
<td>Hu, Ms, Rat</td>
<td>WB, ICC/IF, IHC-P, IP, ChIP assay</td>
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<td>GTX110612</td>
<td>MBD1 antibody [N2C2], Internal</td>
<td>Rb pAb</td>
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<td>GTX116204</td>
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<td>GTX22828</td>
<td>MECP2 antibody</td>
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<td>GTX60358</td>
<td>MECP2 antibody - ChIP grade</td>
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<td>Hu</td>
<td>WB, ELISA, ChIP assay</td>
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<td>GTX637222</td>
<td>O-GlcNAc transferase antibody [HL1641]</td>
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<td>GTX629812</td>
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<td>GTX109939</td>
<td>O-GlcNAc transferase antibody</td>
<td>Rb pAb</td>
<td>Hu, Ms, Rat</td>
<td>WB, ICC/IF, IHC-P, FACS, IP</td>
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<td>GTX109640</td>
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<td>GTX130522</td>
<td>SAP18 antibody</td>
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<td>GTX130194</td>
<td>SETD1A antibody</td>
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<td>GTX129156</td>
<td>SIN3A antibody</td>
<td>Rb pAb</td>
<td>Hu, Ms, Rat</td>
<td>WB, ICC/IF, IHC-P, IP, ChIP assay</td>
</tr>
</tbody>
</table>

**GeneTex**

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USA Tel: 1.949.553.1900 Toll-free: 1.877.436.3839

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