

# NOTCH1 antibody

**Cat. No. GTX135786**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, IHC-P
<b>Reactivity</b>	Human

**Package**  
100 µl, 25 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent

Not tested in other applications.

**Calculated MW** 273 kDa. ([Note](#))

**Product Note** The immunogen sequence of this antibody is within notch intracellular domain (NICD).

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.95 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the Intracellular domain of human NOTCH1. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

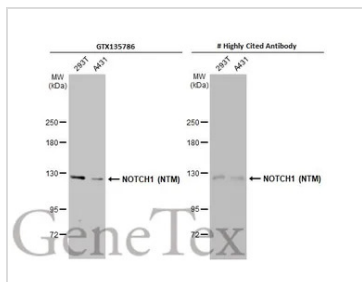
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

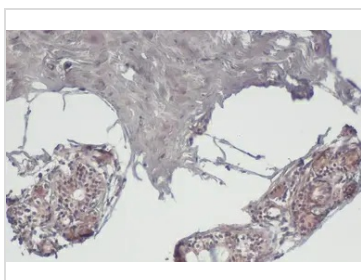


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**DATA IMAGES**

**GTX135786 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with NOTCH1 antibody (GTX135786) diluted at 1:1000 and competitor's antibody (# Highly Cited Antibody) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.

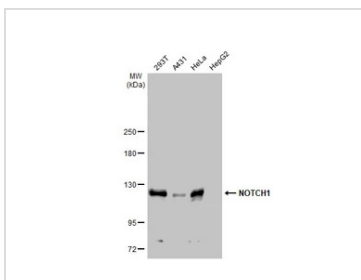

**GTX135786 IHC-P Image**

NOTCH1 antibody detects NOTCH1 protein at cell membrane and nucleus by immunohistochemical analysis.

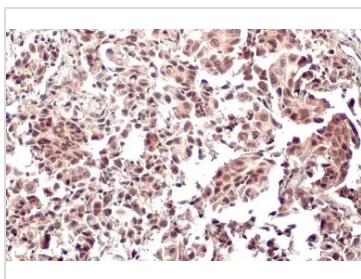
Sample: Paraffin-embedded human breast carcinoma.

NOTCH1 stained by NOTCH1 antibody (GTX135786) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX135786 WB Image**

Various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with NOTCH1 antibody (GTX135786) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

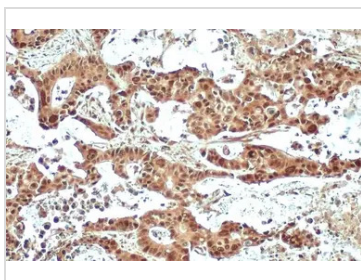

**GTX135786 IHC-P Image**

NOTCH1 antibody detects NOTCH1 protein at cytoplasm and nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human lung cancer.

NOTCH1 stained by NOTCH1 antibody (GTX135786) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX135786 IHC-P Image**

NOTCH1 antibody detects NOTCH1 protein at cytoplasm and nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human colon cancer.

NOTCH1 stained by NOTCH1 antibody (GTX135786) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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