

PAX8 antibody

Cat. No. GTX101583

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ChIP assay, IHC
Reactivity	Human, Mouse, Rat, Dog

References (5)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:500-1:1000
ChIP assay	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Calculated MW 48 kDa. ([Note](#))

Product Note Based on sequence homology, this antibody may cross react with PAX1, PAX2, PAX5 or PAX6 protein. KO/KD validation is based on published data (PMID: 31050342).

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	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.
Concentration	0.56 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PAX8. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.



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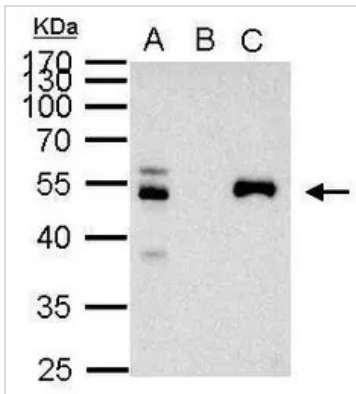
Conjugation

Unconjugated

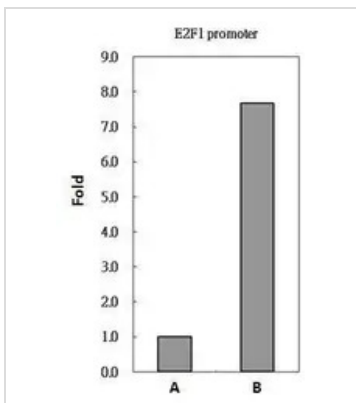
Note

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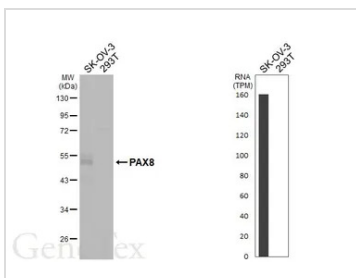
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DATA IMAGES

GTx101583 IP Image

PAX8 antibody immunoprecipitates PAX8 protein in IP experiments. IP Sample: 1000 µg 293T whole cell lysate/extract A. 40 µg 293T whole cell lysate/extract B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of PAX8 protein by 2 µg of PAX8 antibody (GTx101583) 10% SDS-PAGE The immunoprecipitated PAX8 protein was detected by PAX8 antibody (GTx101583) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTx221666-01) was used as a secondary reagent.


GTx101583 ChIP assay Image

PAX8 antibody immunoprecipitates PAX8 protein-DNA in ChIP experiments. ChIP Sample: 293T whole cell lysate/extract A. 5 µg preimmune rabbit IgG B. 5 µg of PAX8 antibody (GTx101583) The precipitated DNA was detected by PCR with primer set targeting to E2F1 promoter.


GTx101583 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PAX8 antibody (GTx101583) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.


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