

SMAD4 antibody

Cat. No. GTX112980

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

References (11)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 60 kDa. ([Note](#))

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	0.58 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human SMAD4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

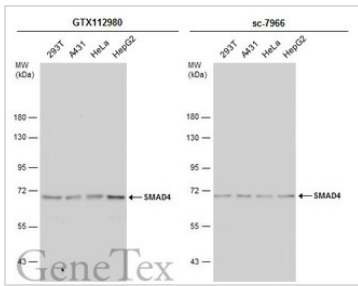
Note

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

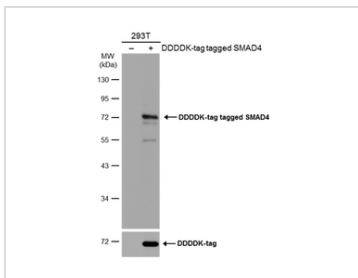
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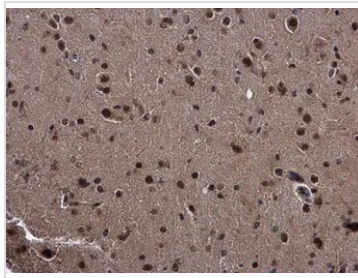
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DATA IMAGES

GTX112980 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with SMAD4 antibody (GTX112980) diluted at 1:1000 and competitor's antibody (sc-7966) diluted at 1:100. 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.

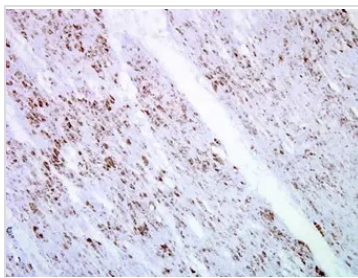

GTX112980 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD4 antibody (GTX112980) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

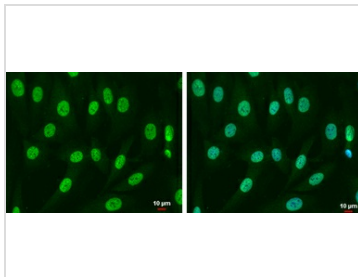

GTX112980 IHC-P Image

SMAD4 antibody detects SMAD4 protein at cytoplasm and nucleus in mouse brain by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
SMAD4 antibody (GTX112980) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX112980 IHC-P Image

Immunohistochemical analysis of paraffin-embedded human ulcerative colitis tissue using SMAD4 antibody (GTX112980)


GTX112980 ICC/IF Image

SMAD4 antibody detects SMAD4 protein in cytoplasm and nucleus by immunofluorescent analysis.
Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: SMAD4 protein stained by SMAD4 antibody (GTX112980) diluted at 1:500.
Blue: Hoechst 33342 staining.
Scale bar = 10 µm.



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