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 4ºC. For long-term storage, aliquot and store at -20ºC 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. 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.

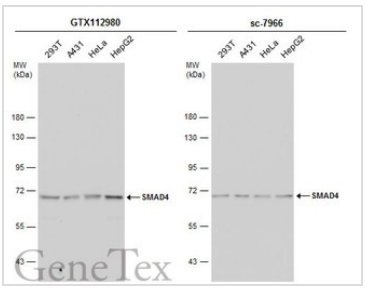
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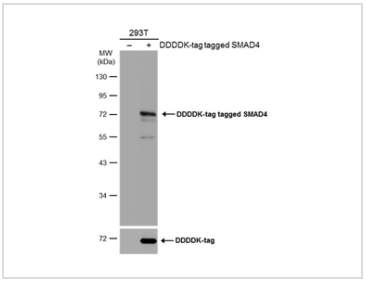
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DATA IMAGES



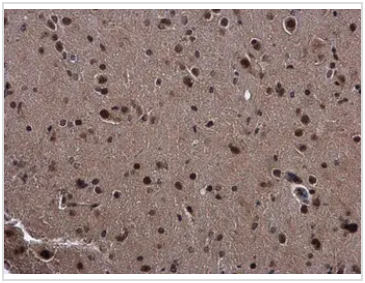
GTX112980 WB Image

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

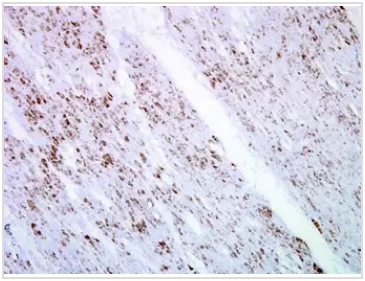
Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD4 antibody (GTX112980) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX112980 IHC-P Image

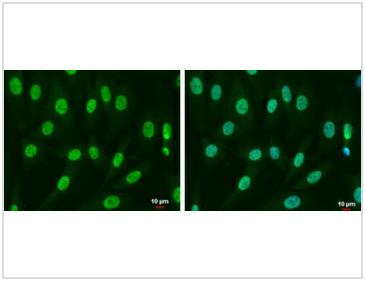
SMAD4 antibody detects SMAD4 protein at cytoplasm and nucleus in mouse brain by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
SMAD4 antibody (GTX112980) diluted at 1:500.

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 a tcytoplasm 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.

For full product information, images and publications, please visit our website.

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