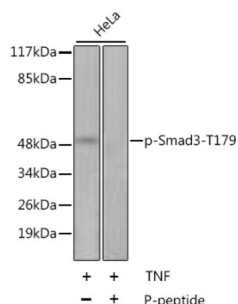
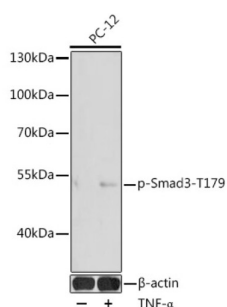


SMAD3 (pT179) Antibody

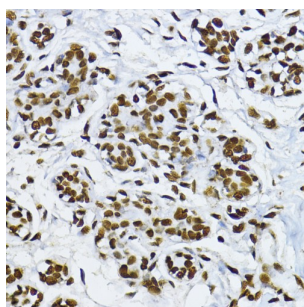
Catalogue No.: abx123787



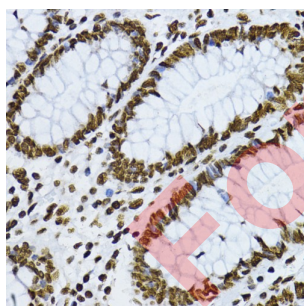
Western blot analysis of lysates from HeLa cells, using Phospho-Smad3-T179 Antibody. HeLa cells were treated by TNF- α (20 ng/ml) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA.



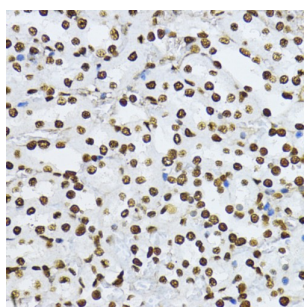
Western blot analysis of lysates from PC-12 cells, using Phospho-Smad2-S465/467/-Smad3-S423/425 antibody at 1/1000 dilution. PC-12 cells were treated by TNF- α (20 ng/ml) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human breast using Phospho-Smad3-T179 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



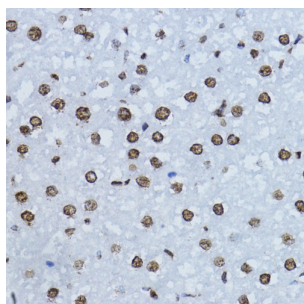
Immunohistochemistry analysis of paraffin-embedded Human colon using Phospho-Smad3-T179 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-Smad3-T179 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Datasheet

Version: 4.0.0
Revision date: 23 Jun 2025



Immunohistochemistry analysis of paraffin-embedded Rat liver using Phospho-Smad3-T179 Antibody at dilution of 1/200 (40x lens). Microwave antigen retrieval performed in 0.01 M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

SMAD3 (pT179) Antibody is a Rabbit Polyclonal Antibody against SMAD3 (pT179).

Target:	SMAD3 (pT179)
Clonality:	Polyclonal
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around T179 of human Smad3.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P84022 (UniProt , ExPASy)
Gene Symbol:	SMAD3
GeneID:	4088

Datasheet

Version: 4.0.0

Revision date: 23 Jun 2025



NCBI Accession: NP_005893.1

KEGG: hsa:4088

String: [9606.ENSP00000332973](#)

Molecular Weight: Calculated MW: 48 kDa
Observed MW: 48 kDa

Buffer: PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only