

Rabbit SMO Polyclonal Antibody | anti-SMO antibody

smo

CATALOG # AAA10769	HOST Rabbit	APPLICATIONS Western Blot
------------------------------	-----------------------	-------------------------------------

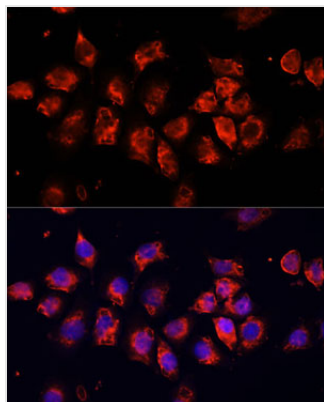
PRODUCT SYNONYMS

SMO; Polyclonal Antibody; smo; CRJS; FZD11; Gx; SMOH; smoothened homolog; anti-SMO antibody

PRODUCT SPECIFICATIONS

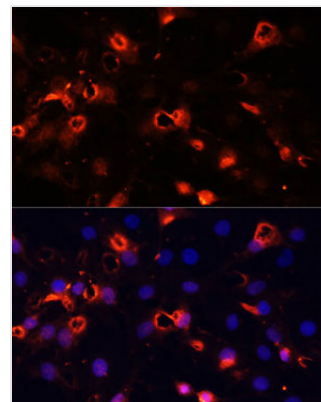
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence Length	787
Applicable Applications for anti-SMO antibody	WB (Western Blot)
Application Notes	WB 1:500 - 1:2000
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 54-219 of human SMO (NP_005622.1).
Species Reactivity/Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



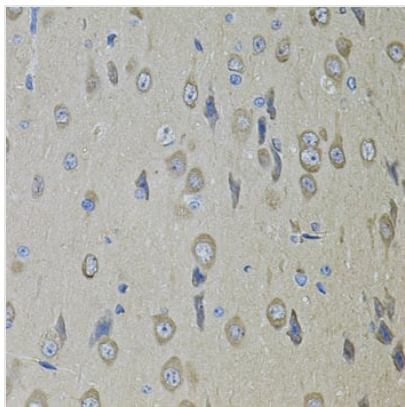
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SMO Polyclonal Antibody (AAA10769) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

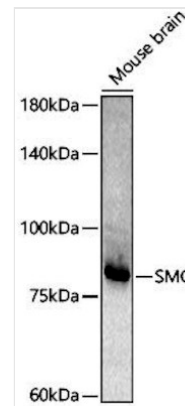


IF (Immunofluorescence)

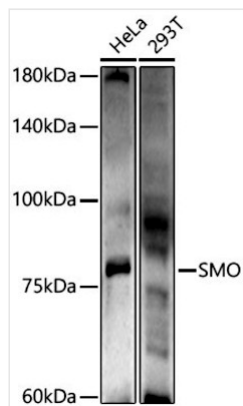
Immunofluorescence analysis of C6 cells using SMO Polyclonal Antibody (AAA10769) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



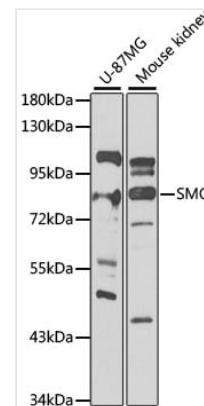
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using SMO antibody (40x lens).



WB (Western Blot)
Western blot analysis of extracts of Mouse brain, using SMO antibody (AAA10769) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SMO antibody (AAA10769) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SMO antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s

ADDITIONAL INFORMATION

Related Product Information for anti-SMO antibody

The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032099
NCBI GeneID	6608
NCBI Accession #	NP_005622.1
NCBI GenBank Nucleotide #	NM_005631.4
UniProt Accession #	Q99835
Molecular Weight	Observed MW 86kDa Calculated MW 86kDa
NCBI Official Full Name	smoothened homolog
NCBI Official Synonym Full Names	smoothened, frizzled family receptor

NCBI Official Symbol	SMO
NCBI Official Synonym Symbols	Gx; SMOH; FZD11
NCBI Protein Information	smoothened homolog; protein Gx; frizzled family member 11; seven transmembrane helix receptor; smoothened, seven transmembrane spanning receptor
UniProt Protein Name	Smoothened homolog
UniProt Gene Name	SMO
UniProt Synonym Gene Names	SMOH; SMO
UniProt Entry Name	SMO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smo-antibody-western-blot-elisa/10769>