

Rabbit SMO Polyclonal Antibody | anti-SMO antibody

SMO Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312906	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

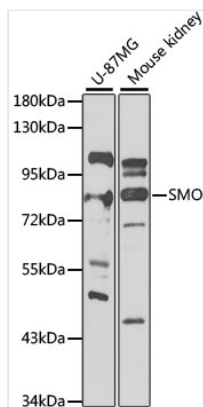
PRODUCT SYNONYMS

SMO; Polyclonal Antibody; SMO Polyclonal Antibody; Gx; CRJS; SMOH; FZD11; anti-SMO antibody

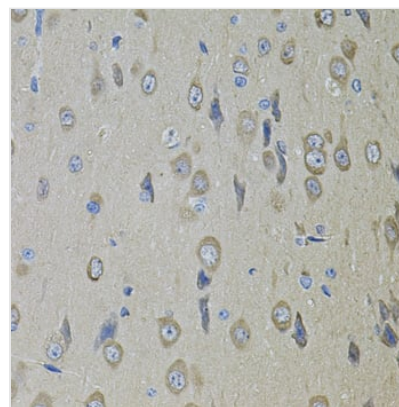
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-SMO antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SMO (NP_005622.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

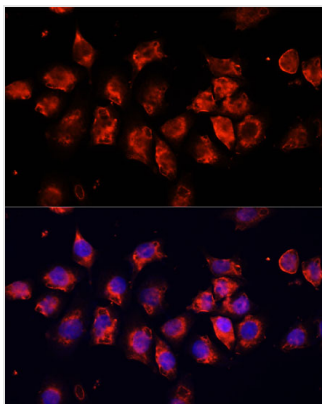
IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SMO antibody at 1:1000 dilution.

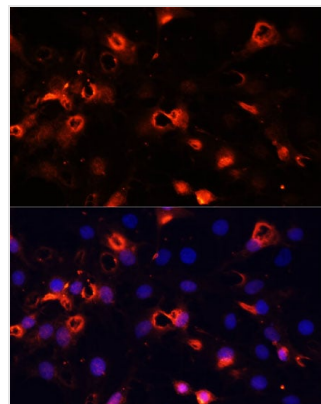

IHC (Immunohistochemistry)

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



IF (Immunofluorescence)

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



IF (Immunofluorescence)

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

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.
Product Categories/Family for anti-SMO antibody	Total protein Ab

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	86,397 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smo-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312906>