

Rabbit Shh Polyclonal Antibody | anti-Shh antibody

Shh Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319840	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunohistochemistry

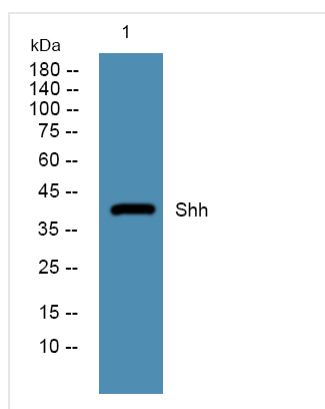
PRODUCT SYNONYMS

Shh; Polyclonal Antibody; Shh Antibody; Sonic hedgehog protein (SHH; HHG-1)[Cleaved into: Sonic hedgehog protein N-product; Sonic hedgehog protein C-product]; anti-Shh antibody

PRODUCT SPECIFICATIONS

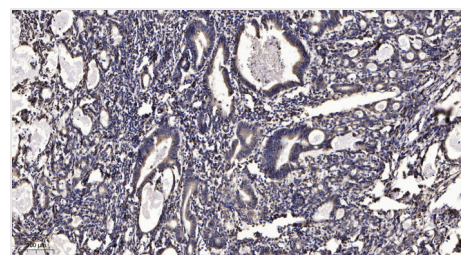
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of human Shh
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Shh antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human Shh
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-Shh antibody	This gene encodes a protein that is instrumental in patterning the early embryo. It has been implicated as the key inductive signal in patterning of the ventral neural tube, the anterior-posterior limb axis, and the ventral somites. Of three human proteins showing sequence and functional similarity to the sonic hedgehog protein of Drosophila, this protein is the most similar. The protein is made as a precursor that is autocatalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the developing embryo. Defects in this protein or in its signalling pathway are a cause of holoprosencephaly (HPE), a d
Product Categories/Family for anti-Shh antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6094283
NCBI GeneID	6469
UniProt Accession #	Q15465; Q75MC9; A4D247
Molecular Weight	462
NCBI Official Full Name	Sonic hedgehog protein
NCBI Official Synonym Full Names	sonic hedgehog
NCBI Official Symbol	SHH
NCBI Official Synonym Symbols	TPT; HHG1; HLP3; HPE3; SMMCI; TPTPS; MCOPCB5
NCBI Protein Information	sonic hedgehog protein; sonic hedgehog homolog
UniProt Protein Name	Sonic hedgehog protein
UniProt Gene Name	SHH
UniProt Synonym Gene Names	SHH
UniProt Entry Name	SHH_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://www.aaabiotech.com/polyclonal/shh-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/319840>