

Goat SHH Antibody | anti-SHH antibody

Goat Anti-SHH Antibody

CATALOG # AAA61823	HOST Goat	REACTIVITY Human, Mouse Expected from sequence similarity: Human, Rat, Dog	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA
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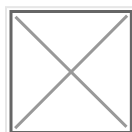
PRODUCT SYNONYMS

SHH; Goat Anti-SHH Antibody; sonic hedgehog homolog (Drosophila); HGNC:10848; HHG1; HLP3; HPE3; SMMCI ; sonic hedgehog; anti-SHH antibody

PRODUCT SPECIFICATIONS

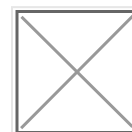
Host	Goat
Reactivity	Human, Mouse Expected from sequence similarity: Human, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	462
Applicable Applications for anti-SHH antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DSEALHPLGMAVK, from the C Terminus of the protein sequence according to NP_000184.1.
Peptide Sequence	DSEALHPLGMAVK
Epitope	C Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



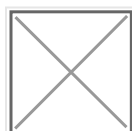
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue)



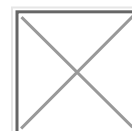
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) fol



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (bl



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue



WB (Western Blot)

2ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

ADDITIONAL INFORMATION

References	Ahn S, Joyner AL.: In vivo analysis of quiescent adult neural stem cells responding to Sonic hedgehog. Nature. 2005 Oct 6;437(7060):894-7. PMID: 16208373
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506939
NCBI GeneID	6469
NCBI Accession #	NP_000184.1
NCBI GenBank Nucleotide #	NP_000184.1
UniProt Accession #	Q15465
NCBI Official Full Name	sonic hedgehog protein isoform 1 preproprotein
NCBI Official Synonym Full Names	sonic hedgehog signaling molecule
NCBI Official Symbol	SHH
NCBI Official Synonym Symbols	TPT; HHG1; HLP3; HPE3; SMMCI; ShhNC; TPTPS; MCOPCB5
NCBI Protein Information	sonic hedgehog protein
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://stage.aaabiotech.com/goat-dog-human-mouse-rat-antibody/shh/61823>