

Rabbit anti-Mouse Shh Polyclonal Antibody | anti-Shh antibody

(Mouse) Shh Antibody (C-term)

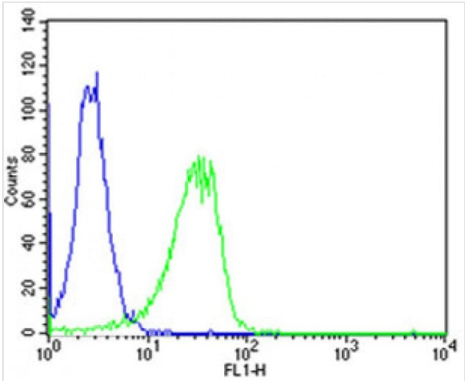
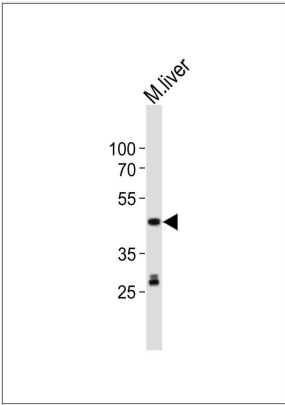
CATALOG # AAA284928	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, ELISA, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

Shh; Polyclonal Antibody; (Mouse) Shh Antibody (C-term); Sonic hedgehog protein; SHH; HHG-1; Sonic hedgehog protein N-product; Sonic hedgehog protein 19 kDa product; Sonic hedgehog protein C-product; Sonic hedgehog protein 27 kDa product; Hhgl; anti-Shh antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Shh antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 397-431 amino acids from the C-terminal region of mouse Shh.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Length	437
Applicable Applications for anti-Shh antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HeLa cells using (Mouse) Shh Antibody (C-term)(green) compared to an isotype control of rabbit IgG(blue). AAA284928 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Shh antibody	Binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. In the absence of SHH, PTC represses the constitutive signaling activity of SMO. Also regulates another target, the gli oncogene. Intercellular signal essential for a variety of patterning events during development: signal produced by the notochord that induces ventral cell fate in the neural tube and somites, and the polarizing signal for patterning of the anterior-posterior axis of the developing limb bud. Displays both floor plate- and motor neuron-inducing activity. The threshold concentration of N-product required for motor neuron induction is 5-fold lower than that required for floor plate induction (By similarity).
Product Categories/Family for anti-Shh antibody	Crown Antibodies; Cancer; Developmental Biology; Signal Transduction; Stem Cells
References	Echelard Y.,et al.Cell 75:1417-1430(1993). McMahon A.P.,et al.Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases. Chang D.T.,et al.Development 120:3339-3353(1994). Carninci P.,et al.Science 309:1559-1563(2005). Roelink H.,et al.Cell 81:445-455(1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21617861
NCBI GeneID	20423
NCBI Accession #	NP_033196.1
NCBI GenBank Nucleotide #	NM_009170.3
UniProt Accession #	Q62226
Molecular Weight	47773
NCBI Official Full Name	sonic hedgehog protein
NCBI Official Synonym Full Names	sonic hedgehog
NCBI Official Symbol	Shh
NCBI Official Synonym Symbols	Hx; Dsh; Hhg1; Hxl3; M100081; 9530036O11Rik
NCBI Protein Information	sonic hedgehog protein
UniProt Protein Name	Sonic hedgehog protein

UniProt Gene Name	Shh
UniProt Synonym Gene Names	Hhg1; SHH
UniProt Entry Name	SHH_MOUSE

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-flow-cytometry-elisa/284928>