

Goat anti-SHH Antibody

Peptide-affinity purified goat antibody

Catalog # AF4515a

Product Information

Application	WB, IF, FC, Pep-ELISA
Primary Accession	Q15465
Other Accession	NP_000184.1
Reactivity	Human, Rat, Dog
Host	Goat
Clonality	Polyclonal
Clone Names	SHH
Calculated MW	49607

Additional Information

Gene ID	6469
Other Names	SHH; sonic hedgehog homolog (Drosophila); HGNC:10848; HHG1; HLP3; HPE3; SMMCI ; sonic hedgehog
Dilution	WB~~1:1000 IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-SHH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SHH (HGNC:10848)
Function	<p>[Sonic hedgehog protein]: The C-terminal part of the sonic hedgehog protein precursor displays an autoproteolysis and a cholesterol transferase activity (By similarity). Both activities result in the cleavage of the full-length protein into two parts (ShhN and ShhC) followed by the covalent attachment of a cholesterol moiety to the C-terminal of the newly generated ShhN (By similarity). Both activities occur in the endoplasmic reticulum (By similarity). Once cleaved, ShhC is degraded in the endoplasmic reticulum (By similarity).</p> <p>[Sonic hedgehog protein]: Endoplasmic reticulum membrane. Golgi apparatus</p>

Cellular Location

membrane. Secreted Note=Co-localizes with HHAT in the ER and Golgi membrane

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.