

Anti-SHH Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL01472

Product Information

Product name	Anti-SHH Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IHC	1:100-1:400	
	IF	1:500	
Cellular localization	Cell membrane, Endoplasmic reticulum, Golgi apparatus, Membrane Secreted		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml		
General Information	BSA, 50% glycerol and less than 0.02% sodium azide		

Background

Sonic Hedgehog Protein (SHH, VHH-1) belongs to the hedgehog protein family which includes Indian Hh, and Desert Hh. The Hh family is involved in cell fate and patterning during embryonic development, homeostasis, and adult tissue renewal. Aberrant Hh signaling activity can be associated with numerous birth defects and uncontrolled Hh pathway activation is linked to the development of several types of cancers. A defect in SHH has been linked in holoprosencephaly type 3 (HPE3), in which the developing forebrain fails to separate into right and left hemispheres, and ocular coloboma.

Immunogen

Polyclonal antibody is produced by immunizing animals with recombinant protein of SHH.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

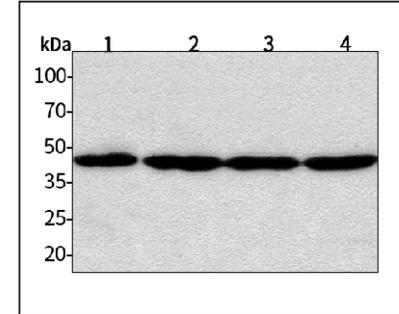
Anti-SHH Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

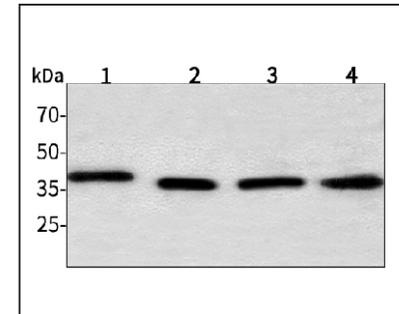
WL01472

Product Images



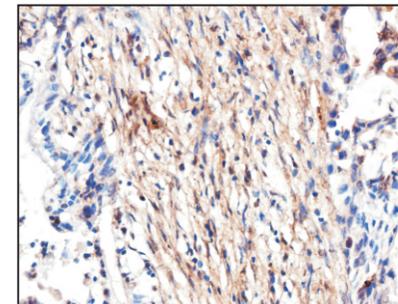
Western blot-Anti-SHH pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: HumanBGC-823 cell lysate
 All lanes: Anti-SHH at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 50 kDa
 Observed band size: 45 kDa



Western blot-Anti-SHH pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse heart tissue lysate
 Lane 3: Rat liver tissue lysate
 Lane 4: Rat brain tissue lysate
 All lanes: Anti-SHH at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 50 kDa
 Observed band size: 45 kDa



Immunohistochemistry-Anti-SHH pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-SHH Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

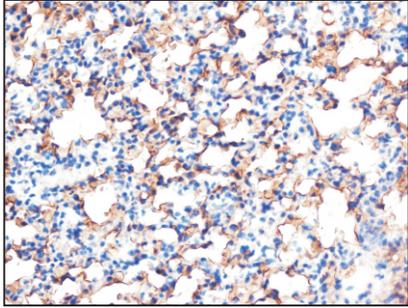
Anti-SHH Rabbit pAb



WL01472

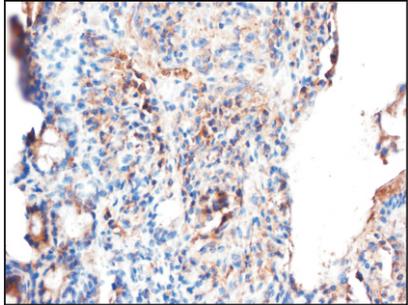
For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



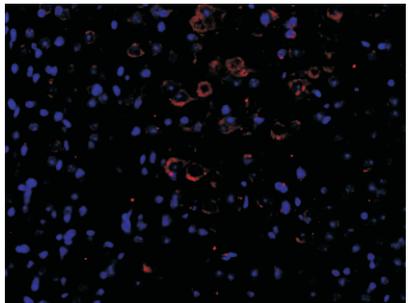
Immunohistochemistry-Anti-SHH pAb

Immunohistochemical analysis of paraffin-embedded mouse lung-LPS treated using anti-SHH Rabbit Antibody at 1:400 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-SHH pAb

Immunohistochemical analysis of paraffin-embedded rat colon-LPS treated using anti-SHH Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-SHH pAb

Immunofluorescence analysis of paraffin-embedded mouse brain using anti-SHH Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

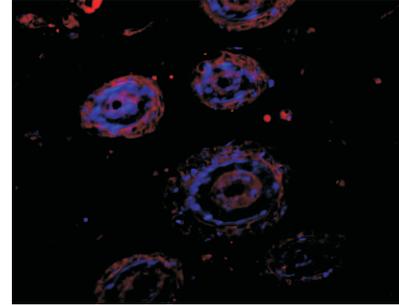
Anti-SHH Rabbit pAb



WL01472

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information



Immunofluorescence-Anti-SHH pAb

Immunofluorescence analysis of paraffin-embedded rat skin using anti-SHH Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0