

Rabbit anti-Human, mouse Ihh Polyclonal Antibody | anti-Q80XI9 antibody

Ihh Antibody (N-term)

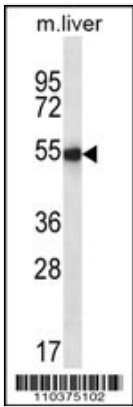
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289333	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

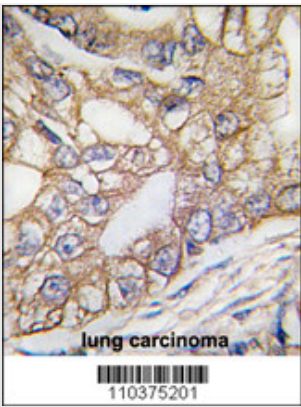
Ihh; Polyclonal Antibody; Ihh Antibody (N-term); Indian hedgehog; anti-Q80XI9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Ihh antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human Ihh.
Purity/Purification	Peptide Affinity 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: 0.378 (varies by lot)
Sequence Positions	1-30
Sequence Length	449
Applicable Applications for anti-Q80XI9 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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.



WB (Western Blot)
Ihh Antibody (Mouse N-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the Ihh antibody detected the Ihh protein (arrow).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with Ihh Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-Q80XI9 antibody	Ihh (Indian hedgehog) is a critical and possibly direct regulator of joint development. In its absence, distribution and function of Gdf5-expressing interzone-associated cells are abnormal.
References	Kobayashi, T., Proc. Natl. Acad. Sci. U.S.A. 105 (6), 1949-1954 (2008) Gat-Yablonski, G., J. Pediatr. Endocrinol. Metab. 20 (11), 1215-1222 (2007) Koyama, E., Ann. N. Y. Acad. Sci. 1116, 100-112 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14149643
NCBI GeneID	16147
NCBI Accession #	NP_034674.1
NCBI GenBank Nucleotide #	NM_010544.2
UniProt Accession #	Q80XI9; P97812
Molecular Weight	49445
NCBI Official Full Name	indian hedgehog protein
NCBI Official Synonym Full Names	Indian hedgehog
NCBI Official Symbol	Ihh
NCBI Protein Information	indian hedgehog protein
UniProt Protein Name	Hedgehog protein
UniProt Gene Name	Ihh
UniProt Entry Name	Q80XI9_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.