

Rabbit IHH Polyclonal Antibody | anti-IHH antibody

IHH Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287937	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

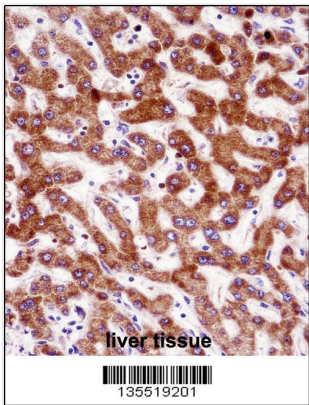
PRODUCT SYNONYMS

IHH; Polyclonal Antibody; IHH Antibody (N-term); Indian hedgehog protein; HHG-2; Indian hedgehog protein N-product; Indian hedgehog protein C-product; anti-IHH antibody

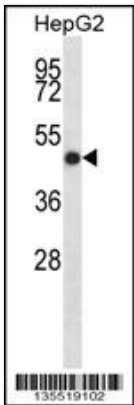
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IHH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 51-80 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: 0.5 (varies by lot)
Sequence Positions	51-80
Sequence Length	411
Applicable Applications for anti-IHH antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

IMAGES



IHC (Immunohiostchemistry)
IHH Antibody (N-term) (AAA287937)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IHH Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IHH Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the IHH antibody detected the IHH protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IHH antibody	This gene encodes a member of the hedgehog family of secreted signaling molecules. Hedgehog proteins are essential regulators of a variety of developmental processes including growth, patterning and morphogenesis. The encoded protein specifically plays a role in bone growth an differentiation. Mutations in this gene are the cause of brachydactyly type A1 which is characterized by shortening or malformation of the phalanges. Mutations in this gene are also the cause of acrocapitofemoral dysplasia.
Product Categories/Family for anti-IHH antibody	Signal Transduction
References	Meulenbelt, I., et al. Ann. Rheum. Dis. (2010) In press : Kang, S.J., et al. Hum. Mol. Genet. 19(13):2725-2738(2010) Okada, Y., et al. Hum. Mol. Genet. 19(11):2303-2312(2010) Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) : Chuang, P.T., et al. Nature 397(6720):617-621(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392086
NCBI GeneID	3549
NCBI Accession #	NP_002172.2
NCBI GenBank Nucleotide #	NM_002181.3
UniProt Accession #	Q14623; O43322; Q8N4B9; B9EGM5
Molecular Weight	45251
NCBI Official Full Name	indian hedgehog protein
NCBI Official Synonym Full Names	indian hedgehog
NCBI Official Symbol	IHH
NCBI Official Synonym Symbols	BDA1; HHG2
NCBI Protein Information	indian hedgehog protein

UniProt Protein Name	Indian hedgehog protein
UniProt Gene Name	IHH
UniProt Synonym Gene Names	IHH
UniProt Entry Name	IHH_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/polyclonal/ihh-antibody-immunohistochemistry-western-blot-elisa/287937>