



Ihh rabbit pAb

Cat No.:ES3753

For research use only

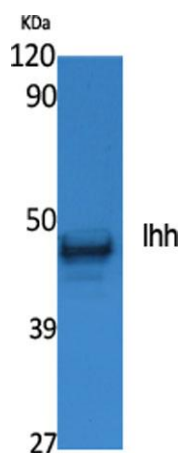
Overview

Product Name	Ihh rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Ihh. AA range:209-258
Specificity	Ihh Polyclonal Antibody detects endogenous levels of Ihh protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Indian hedgehog protein
Gene Name	IHH
Cellular localization	[Indian hedgehog protein N-product]: Cell membrane ; Lipid-anchor ; Extracellular side . The N-terminal peptide remains associated with the cell surface. .; [Indian hedgehog protein C-product]: Secreted, extracellular space . The C-terminal peptide diffuses
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	3549
Human Swiss-Prot Number	Q14623
Alternative Names	IHH; Indian hedgehog protein; IHH; HHG-2
Background	This gene encodes a member of the hedgehog family of proteins. The encoded preproprotein is proteolytically processed to generate multiple

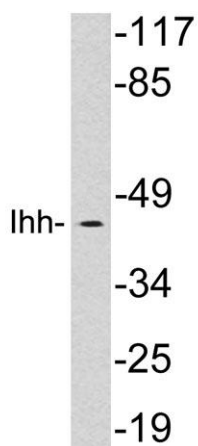




protein products, including an N-terminal fragment that is involved in signaling. Hedgehog family proteins are essential secreted signaling molecules that regulate a variety of developmental processes including growth, patterning and morphogenesis. The protein encoded by this gene specifically plays a role in bone growth and differentiation. Mutations in this gene are the cause of brachydactyly type A1, which is characterized by shortening or malformation of the fingers and toes. Mutations in this gene are also the cause of acrocapitofemoral dysplasia. [provided by RefSeq, Nov 2015],



Western Blot analysis of extracts from NIH-3T3 cells, using Ihh Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysates from HepG2 cells, using Ihh antibody.

