Datasheet for ABIN6142275

anti-Indian Hedgehog antibody (AA 202-411)

1 Image

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Overview

Quantity:	100 µL
Target:	Indian Hedgehog (IHH)
Binding Specificity:	AA 202-411
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Indian Hedgehog antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 202-411 of human IHH (NP_002172.2).
Sequence:	GCFPAGAQVR LESGARVALS AVRPGDRVLA MGEDGSPTFS DVLIFLDREP HRLRAFQVIE TQDPPRRLAL TPAHLLFTAD NHTEPAARFR ATFASHVQPG QYVLVAGVPG LQPARVAAVS THVALGAYAP LTKHGTLVVE DVVASCFAAV ADHHLAQLAF WPLRLFHSLA WGSWTPGEGV HWYPQLLYRL GRLLLEEGSF HPLGMSGAGS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

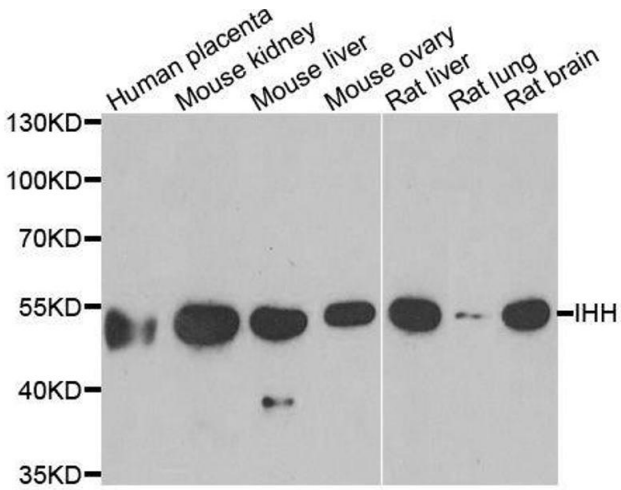
Target:	Indian Hedgehog (IHH)
Alternative Name:	IHH (IHH Products)
Background:	This gene encodes a member of the hedgehog family of proteins. The encoded preproprotein is proteolytically processed to generate multiple protein products, including an N-terminal fragment that is involved in signaling. Hedgehog 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.,IHH,BDA1,HHG2,Cell Biology & Developmental Biology,Hedgehog Signaling Pathway,Stem Cells,IHH
Molecular Weight:	45 kDa
Gene ID:	3549
UniProt:	Q14623
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IHH antibody.

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