

Rabbit IHH Polyclonal Antibody | anti-IHH antibody

IHH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327283	Rabbit	Human, Mouse, Rat, Monkey	ELISA, Western Blot

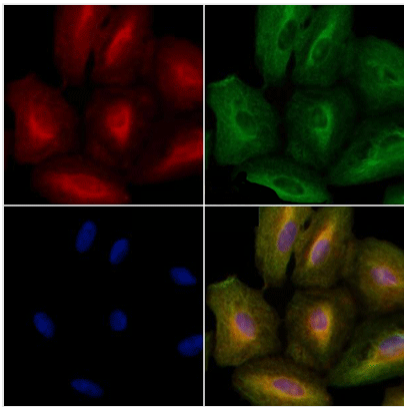
PRODUCT SYNONYMS

IHH; Polyclonal Antibody; IHH Antibody; BDA1; HHG-2; HHG2; IHH_HUMAN; Indian Hedgehog; Indian hedgehog homolog; Indian hedgehog protein; Indian hedgehog protein C-product; Indian hedgehog protein N-product; anti-IHH antibody

PRODUCT SPECIFICATIONS

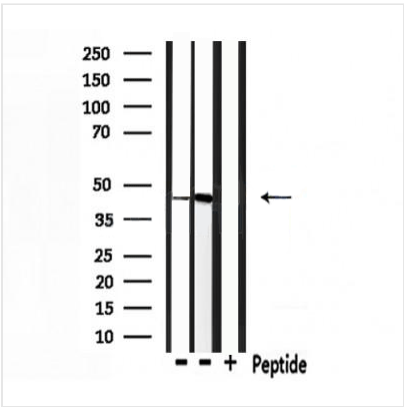
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	IHH antibody detects endogenous levels of total IHH
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	411
Applicable Applications for anti-IHH antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human IHH, corresponding to a region within the internal amino acids.
Subcellular Location	Secreted > Extracellular Space. The C-terminal peptide diffuses from the cell and cell membrane. The N-terminal peptide remains associated with the cell surface.
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C.

IMAGES



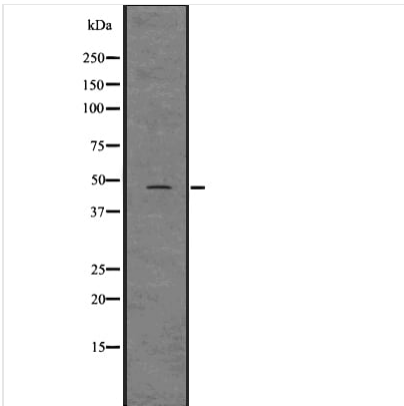
IF (Immunofluorescence)

AAA327283 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA327283) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (H+L) Ab (Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from rat brain, mouse brain, using IHH Antibody.



WB (Western Blot)

Western blot analysis of IHH using COS7 whole lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-IHH antibody

Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. Implicated in endochondral ossification: may regulate the balance between growth and ossification of the developing bones. Induces the expression of parathyroid hormone-related protein (PTHrP) (By similarity).

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	45 kDa
NCBI Official Full Name	indian hedgehog protein preproprotein
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

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-western-blot-elisa/327283>