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HHIP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18055A

Product Information

Application	WB, E
Primary Accession	Q96QV1
Other Accession	Q7TN16, NP_071920.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34237
Calculated MW	78851
Antigen Region	25-54

Additional Information

Gene ID	64399
Other Names	Hedgehog-interacting protein, HHIP, HIP, HHIP, HIP
Target/Specificity	This HHIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-54 amino acids from the N-terminal region of human HHIP.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HHIP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HHIP
Synonyms	HIP
Function	Modulates hedgehog signaling in several cell types including brain and lung

	through direct interaction with members of the hedgehog family.
Cellular Location	Cell membrane; Peripheral membrane protein. Secreted. Note=The last 22 C-terminal amino acids may participate in cell membrane attachment
Tissue Location	Widely expressed in fetal and adult tissues. Highest expression in adult heart, liver and pancreas, and in fetal kidney. {ECO:0000269|PubMed:11435703, ECO:0000269|Ref.1}

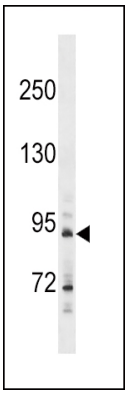
Background

This gene encodes a protein similar to the mouse hedgehog-interacting protein, a regulatory component of the hedgehog signalling pathway. Members of the hedgehog family are evolutionarily conserved proteins which are involved in many fundamental processes in embryonic development, including anteroposterior patterns of limbs and regulation of left-right asymmetry.

References

Pillai, S.G., et al. Am. J. Respir. Crit. Care Med. (2010) In press :
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Liu, J.Z., et al. Twin Res Hum Genet 13(2):179-193(2010)
Cho, M.H., et al. Nat. Genet. 42(3):200-202(2010)
Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) :

Images



HHIP Antibody (N-term) (Cat. #AP18055a) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the HHIP antibody detected the HHIP protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.