

For Research Use Only

HHIP Polyclonal antibody

Catalog Number: 11654-1-AP **2 Publications**



Basic Information

Catalog Number: 11654-1-AP	GenBank Accession Number: BC025311	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64399	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q96QV1	
Isotype: IgG	Full Name: hedgehog interacting protein	
Immunogen Catalog Number: AG2241	Calculated MW: 700 aa, 79 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

HHIP is a member of the hedgehog-interacting protein (HHIP) family. The hedgehog (HH) proteins are evolutionarily conserved protein, which are important morphogens for a wide range of developmental processes, including anteroposterior patterns of limbs and regulation of left-right asymmetry in embryonic development. Multiple cell-surface receptors are responsible for transducing and/or regulating HH signals. The HHIP encoded by this gene is a highly conserved, vertebrate-specific inhibitor of HH signaling. It interacts with all three HH family members, SHH, IHH and DHH. Two single nucleotide polymorphisms (SNPs) near this gene are significantly associated with risk of chronic obstructive pulmonary disease (COPD). A single nucleotide polymorphism in this gene is also strongly associated with human height.

Notable Publications

Author	Pubmed ID	Journal	Application
Ling Li	34688155	Int Immunopharmacol	WB
Yuwei Li	35040952	J Mol Cell Biol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

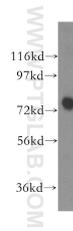
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11654-1-AP (HHIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11654-1-AP (HHIP antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.