

For Research Use Only

# HHIP Polyclonal antibody

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



## Basic Information

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

## Applications

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

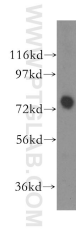
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

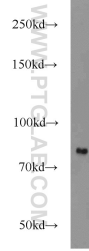
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11654-1-AP (HHIP antibody) at dilution of 1:400 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 1:1000 incubated at room temperature for 1.5 hours.