

Product datasheet for **TA368492S**

HHIP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human HHIP
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	hedgehog interacting protein
Database Link:	Entrez Gene 64399 Human Q96QV1

Background: This gene encodes 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.



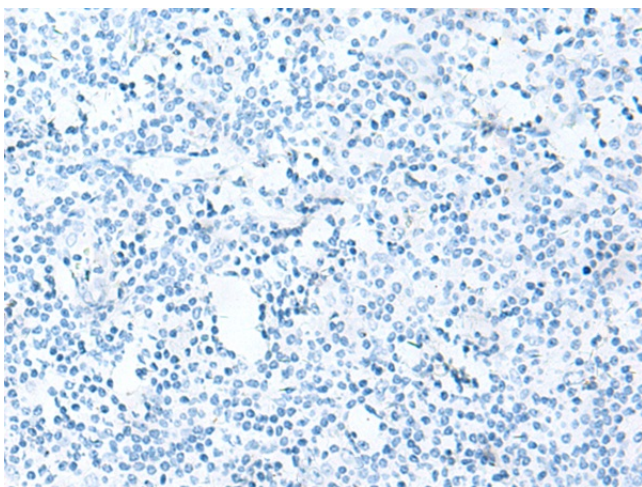
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Synonyms: FLJ20992; FLJ90230; HIP

Product images:



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA368492] (HHIP Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA368492] (HHIP Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: ×200)