

IFT57 / HIPPI Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS15149**Specification**

IFT57 / HIPPI Antibody (Internal) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NWB7
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Horse
Host	Goat
Clonality	Polyclonal
Calculated MW	49kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

IFT57 / HIPPI Antibody (Internal) - Additional Information**Gene ID** 55081**Other Names**

Intraflagellar transport protein 57 homolog, Dermal papilla-derived protein 8, Estrogen-related receptor beta-like protein 1, HIP1-interacting protein, MHS4R2, IFT57, DERP8, ESRRBL1, HIPPI

Target/Specificity

Human IFT57 / HIPPI.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

IFT57 / HIPPI Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

IFT57 / HIPPI Antibody (Internal) - Protein Information**Name** IFT57**Synonyms** DERP8, ESRRBL1, HIPPI**Function**

Required for the formation of cilia. Plays an indirect role in sonic hedgehog signaling, cilia being required for all activity of the hedgehog pathway (By similarity). Has pro-apoptotic function via its interaction with HIP1, leading to recruit caspase-8 (CASP8) and trigger apoptosis. Has the ability to bind DNA sequence motif 5'- AAAGACATG-3' present in the promoter of caspase genes such as CASP1, CASP8 and CASP10, suggesting that it may act as a transcription regulator; however the relevance of such function remains unclear.

Cellular Location

Cell projection, cilium {ECO:0000250|UniProtKB:Q8BXG3}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q5EA95}. Note=Concentrates within the inner segment of cilia.

Tissue Location

Present in many tissues such as brain, thymus, lymph node, lung, liver, skin and kidney (at protein level)

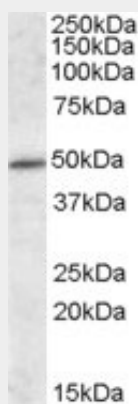
Volume

100 µl

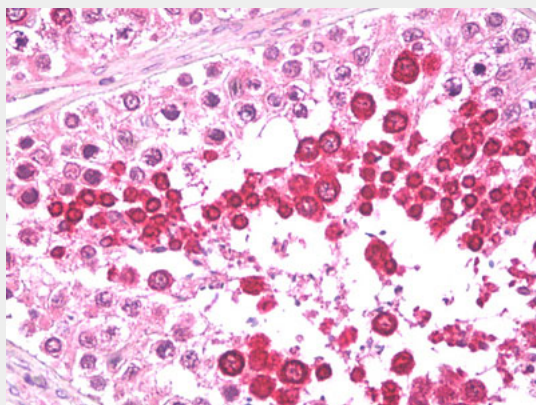
IFT57 / HIPPI Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IFT57 / HIPPI Antibody (Internal) - Images

IFT57 antibody (1 ug/ml) staining of Mouse Brain lysate (35 ug protein/ml in RIPA buffer).



Anti-IFT57 / HIPPI antibody IHC of human testis.

IFT57 / HIPPI Antibody (Internal) - Background

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IFT57 / HIPPI Antibody (Internal) - References

Gervais F.G.,et al.Nat. Cell Biol. 4:95-105(2002).
Pasutto F.,et al.Submitted (MAR-1999) to the EMBL/GenBank/DDBJ databases.
Ikeda A.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.