

IFT57 rabbit pAb

Catalog No :	YN5800
Reactivity :	Human;Mouse
Applications :	WB
Target :	IFT57
Gene Name :	IFT57 DERP8 ESRRBL1 HIPPI
Protein Name :	Intraflagellar transport protein 57 homolog (Dermal papilla-derived protein 8) (Estrogen-related receptor beta-like protein 1) (HIP1-interacting protein) (MHS4R2)
Human Gene Id :	55081
Human Swiss Prot No :	Q9NWB7
Mouse Gene Id :	73916
Mouse Swiss Prot No :	Q8BXG3
Immunogen :	Synthesized peptide derived from human IFT57
Specificity :	This antibody detects endogenous levels of IFT57 at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 47kD

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.

Subcellular Location : Cytoplasm, cytoskeleton, cilium basal body . Concentrates within the inner segment of cilia. .

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

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