

IFT57 Rabbit pAb

CatalogNo: YN5800

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 47kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human IFT57

Specificity

This antibody detects endogenous levels of IFT57 at Human, Mouse

Target Information

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)		
	Organism	Gene ID	UniProt ID
	Human	55081 ;	Q9NWB7 ;
	Mouse	73916 ;	Q8BXG3 ;
Cellular Localization	Cytoplasm, cytoskeleton, cilium basal body . Concentrates within the inner segment of cilia. .		
Tissue specificity	Present in many tissues such as brain, thymus, lymph node, lung, liver, skin and kidney (at protein level).		
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.		

Validation Data

Contact information

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IFT57 Rabbit pAb

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