IFT57 Polyclonal Conjugated Antibody

Catalog No: #C42678

Package Size: #C42678-AF350 100ul #C42678-AF405 100ul #C42678-AF488 100ul #C42678-AF555 100ul #C42678-AF594 100ul #C42678-AF647 100ul #C42678-AF680 100ul #C42678-AF750 100ul #C42678-Biotin 100ul

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Description

Product Name	IFT57 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total IFT57 polyclonal antibody.
Immunogen Description	Recombinant human Intraflagellar transport protein 57 homolog protein (170-429aa)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Dermal papilla-derived protein 8,Estrogen-related receptor beta-like protein 1,HIP1-interacting protein,MHS4R2,IFT57,DERP8, ESRRBL1,HIPPI
Accession No.	Swiss-Prot#:Q9NWB7
Uniprot	Q9NWB7
GeneID	55081;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	49
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.

Note: This product is for in vitro research use only