Datasheet for ABIN1392806

anti-IFT57 antibody (AA 331-429) (FITC)

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Overview

Quantity:	100 µL
Target:	IFT57
Binding Specificity:	AA 331-429
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT57 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HIPPI
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	IFT57
Alternative Name:	HIPPI (IFT57 Products)

Target Details

Background:	Synonyms: Dermal papilla derived protein 8, Dermal papilla-derived protein 8, DERP 8, DERP8, Esrrbl 1, Esrrbl1, ESRRBL1 protein, Estrogen related receptor beta like 1, Estrogen related receptor beta like protein 1, Estrogen-related receptor beta like 1, Estrogen-related receptor beta-like protein 1, FLJ10147, Hip1 Interacting Protein, HIP1 interacting protein HIPPI, Hip1 protein interactor, HIP1-interacting protein, HIPPI, Huntingtin interacting protein 1 interacting protein, Huntingtin interacting protein 1 protein interactor, Huntingtin-interacting protein-1 protein interactor, T 57, t57, T57_HUMAN, Intraflagellar transport 57 homolog Chlamydomonas, Intraflagellar transport 57 homolog, Intraflagellar transport protein 57 homolog, MHS4R2, Vestrogen related receptor beta like 1, Vestrogen-related receptor beta like 1, CDNA FLJ10147 fis clone HEMBA1003369. Background: Programmed neuronal cell death is a feature of neurodegenerative disorders such as Alzheimer's and Huntington's disease, which occur later in human life. Huntington?s disease at the molecular and cell level is characterized by polyglutamine expansion of the protein huntingtin (Htt) that leads to apoptotis-mediated neurodegenerative loss of medium spiny neurons throughout the striatum. Polyglutamine expansion reduces the level of association between Hip-1 and Htt, thereby increasing levels of free Hip-1 that then can be the candidate protein Hippi (Hip-1 protein interactor). The Hippi-Hip-1 heterodimer is a pro-apoptotic complex that recruits procaspase-8 and initiates caspase-8 activation, which may contribute to the neuronal cell death observed in individuals diagnosed with Huntington?s disease. The human hippi gene maps to chromosome 3q13.13 and encodes a 429 amino acid protein.
Pathways:	Hedgehog Signaling, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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