

FHDC1 Rabbit pAb

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Catalog # AP56112

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9C0D6
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	124762
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FHDC1
Epitope Specificity	151-250/1148
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	85462
Other Names	FH2 domain-containing protein 1, Inverted formin-1, FHDC1, INF1 {ECO:0000303 PubMed:18815276}, KIAA1727
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FHDC1
Synonyms	INF1 {ECO:0000303 PubMed:18815276}, KIAA
Function	Microtubule-associated formin which regulates both actin and microtubule dynamics. Induces microtubule acetylation and stabilization and actin stress fiber formation (PubMed: 18815276). Regulates Golgi ribbon formation (PubMed: 26564798). Required for normal cilia assembly. Early in cilia assembly, may assist in the maturation and positioning of the

centrosome/basal body, and once cilia assembly has initiated, may also promote cilia elongation by inhibiting disassembly (PubMed:[29742020](#)).

Cellular Location

Cell projection, cilium. Golgi apparatus {ECO:0000250|UniProtKB:Q3ULZ2}.
Note=Associates with microtubules

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.