Datasheet for ABIN7165643

anti-HOOK3 antibody (AA 357-455) (FITC)

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Overview

Quantity:	100 µg
Target:	HOOK3
Binding Specificity:	AA 357-455
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOOK3 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Protein Hook homolog 3 protein (357-455AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HOOK3
Alternative Name:	HOOK3 (HOOK3 Products)
Background:	Background: Probably serves as a target for the spiC protein from Salmonella typhimurium, which inactivates it, leading to a strong alteration in cellular trafficking (By similarity).

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Target Details

	Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex). May regulate clearance of endocytosed receptors such as MSR1. Participates in defining the architecture and localization of the Golgi complex. Acts as an adapter protein linking the dynein motor complex to various cargos and converts dynein from a non-processive to a highly processive motor in the presence of dynactin. Facilitates the interaction between dynein and dynactin and activates dynein processivity (the ability to move along a microtubule for a long distance without falling off the track) (PubMed:25035494). Aliases: FLJ31058 antibody, h-hook3 antibody, hHK3 antibody, HK3 antibody, hook3 antibody, HOOK3_HUMAN antibody, OTTHUMP00000229200 antibody, Protein Hook homolog 3 antibody
UniProt:	Q86VS8
Pathways:	Stem Cell Maintenance, Maintenance of Protein Location

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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