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Datasheet for ABIN7157588  
**anti-KIF13A antibody (AA 1383-1537) (Biotin)**

### Overview

Quantity:	100 µg
Target:	KIF13A
Binding Specificity:	AA 1383-1537
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF13A antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Kinesin-like protein KIF13A protein (1383-1537AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	KIF13A
Alternative Name:	KIF13A ( <a href="#">KIF13A Products</a> )
Background:	Background: Plus end-directed microtubule-dependent motor protein involved in intracellular transport and regulating various processes such as mannose-6-phosphate receptor (M6PR)

## Target Details

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transport to the plasma membrane, endosomal sorting during melanosome biogenesis and cytokinesis. Mediates the transport of M6PR-containing vesicles from trans-Golgi network to the plasma membrane via direct interaction with the AP-1 complex. During melanosome maturation, required for delivering melanogenic enzymes from recycling endosomes to nascent melanosomes by creating peripheral recycling endosomal subdomains in melanocytes. Also required for the abscission step in cytokinesis: mediates translocation of ZFYVE26, and possibly TTC19, to the midbody during cytokinesis.

Aliases: bA500C11.2 antibody, FLJ27232 antibody, Homolog of mouse KIF13A mannose 6 phosphate receptor transporter antibody, KI13A\_HUMAN antibody, KIF 13A antibody, Kif13a antibody, Kinesin family member 13A antibody, Kinesin like protein KIF13A antibody, Kinesin like protein RBKIN antibody, Kinesin-like protein KIF13A antibody, Kinesin-like protein RBKIN antibody, RBKIN antibody

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UniProt: [Q9H1H9](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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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.