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Datasheet for ABIN7452356 **anti-KIF1B antibody (C-Term)**

Overview

Quantity:	100 µg
Target:	KIF1B
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF1B antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-KIF1B Antibody, Affinity Purified
Immunogen:	between AA 1766 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	KIF1B
Alternative Name:	KIF1B (KIF1B Products)
Background:	Background: The kinesin superfamily of proteins consists of over forty KIF motor proteins that function in intracellular transport along microtubules. Kinesin activity has been linked to various

Target Details

cellular functions such as vesicle transport, mitotic spindle formation, chromosome segregation, and cytokinesis. Structurally, all kinesins contain a motor domain with microtubule and nucleotide binding sites that utilize ATP to target cargo along microtubule filaments. KIF1B has been identified as the cause of Charcot-Marie-Tooth disease type 2A, a human hereditary neuropathy.

Gene ID: 23095

UniProt: [O60333](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: Not recommended. Use rabbit anti-KIF1B antibody ABIN7451832.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months