

Recombinant Human KIF3B cell lysate

Cat. No. KIF3B-931HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene acts as a heterodimer with kinesin family member 3A to aid in chromosome movement during mitosis and meiosis. The encoded protein is a plus end-directed microtubule motor and can interact with the SMC3 subunit of the cohesin complex. In addition, the encoded protein may be involved in the intracellular movement of membranous organelles. This protein and kinesin family member 3A form the kinesin II subfamily of the kinesin superfamily.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KIF3B kinesin family member 3B [Homo sapiens]
Official Symbol	KIF3B
Synonyms	KIF3B; kinesin family member 3B; kinesin-like protein KIF3B; KIAA0359; microtubule plus end-directed kinesin motor 3B; HH0048;

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Gene ID	9371
mRNA Refseq	NM_004798
Protein Refseq	NP_004789
MIM	603754
UniProt ID	O15066
Chromosome Location	20q11.21
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem;
Function	ATP binding; Rho GTPase binding; microtubule motor activity; nucleotide binding; plus-end-directed microtubule motor activity; protein binding;

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