



Anti-KIF1B (full length) polyclonal antibody (DPAB-DC1046)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a motor protein that transports mitochondria and synaptic vesicle precursors. Mutations in this gene cause Charcot-Marie-Tooth disease, type 2A1.
Immunogen	KIF1B (AAH01415, 1 a.a. ~ 579 a.a) full-length recombinant protein with GST tag. The sequence is MSKTSLGQSMKYDLLVWFEISELEPTGEYIPAVVDHTAGLPCQGTFLHQQGIQRRITVT IIHEKGSELHWKDVRELVVGRIRNKPEVDEAAVDAILSLNIISAKYLKSSHNSRFTFYRF EAVWDSSLHNSLLNVRTPYGEKIYMTLSAYLELDHCIQPAVITKDVCVMVFYSRDAKISP PRSLRSLFGSGYSKSPDSNRVTGIYELSLCKMSDTGSPGMQRRRRKILDTSVAYVRGEEN LAGWRPRGDSLILEHQWELEKLELLHEVEKTRHFLLLRERLGDSIPKSLSDSLSPSLSSG TLSTSTSISSQISTTTTFESAITPSESSGYDSGDIESLVDREKELATKCLQLLTHTFNREF SQVHGVSVDCKLSDISPIGRDPSESSFSSATLTPSSTCPSLVD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KIF1B kinesin family member 1B [Homo sapiens (human)]
Official Symbol	KIF1B
Synonyms	KIF1B; kinesin family member 1B; KLP; CMT2; CMT2A; CMT2A1; HMSNII; NBLST1; kinesin-like protein KIF1B; kinesin superfamily protein KIF1B;
Entrez Gene ID	23095
Protein Refseq	NP_055889
UniProt ID	O60333
Chromosome Location	1p36.2
Function	ATP binding; ATPase activity; kinesin binding; microtubule binding