



Anti-KIF3B polyclonal antibody (DPAB-DC724)

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

PRODUCT INFORMATION

Antigen Description	KIF3B (kinesin family member 3B) is a protein-coding gene. Diseases associated with KIF3B include dent's disease, and motor neuron disease, and among its related super-pathways are Immune System and Translocation of GLUT4 to the Plasma Membrane. GO annotations related to this gene include plus-end-directed microtubule motor activity and microtubule motor activity. An important paralog of this gene is KIF3A.
Specificity	Specific to recombinant protein GX2286. This antibody detects mKIF3B protein. It also recognizes human KIF3B protein.
Immunogen	Recombinant GST fusion protein corresponding to 158 amino acids of mouse Kif3b.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	50 µg
Buffer	In PBS (50% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Kif3b kinesin family member 3B [Mus musculus (house mouse)]
Official Symbol	KIF3B
Synonyms	KIF3B; kinesin family member 3B; AI854312; AW549267; mKIAA0359; kinesin-like protein KIF3B; microtubule plus end-directed kinesin motor 3B;
Entrez Gene ID	16569
Protein Refseq	NP_032470
UniProt ID	Q3UHC4
Chromosome Location	2 G-H2; 2 75.41 cM
Pathway	Adaptive Immune System; Hemostasis; Kinesins; Membrane Trafficking
Function	ATP binding; Rho GTPase binding; microtubule binding; microtubule motor activity