



Anti-MYO1B (aa 979-1078) polyclonal antibody (DPAB-DC1951)

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

PRODUCT INFORMATION

Antigen Description	MYO1B (myosin IB) is a protein-coding gene. Diseases associated with MYO1B include amebiasis, and dysentery, and among its related super-pathways are Clathrin-dependent protein traffic and Antioxidant Action of Vitamin-C. GO annotations related to this gene include actin binding and phosphatidylinositol-4,5-bisphosphate binding. An important paralog of this gene is MYO1D.
Immunogen	MYO1B (NP_036355, 979 a.a. ~ 1078 a.a) partial recombinant protein with GST tag. The sequence is VSMSSQNDGFFAVHLKEGSEAASKGDFLSSDHLIEMATKLYRTTLSQTKQKLNIEISDE FLVQFRQDKVCVKFIQGNQKNGSVPTCKRKNNRLLLEVAVP
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	MYO1B myosin IB [Homo sapiens (human)]
Official Symbol	MYO1B
Synonyms	MYO1B; myosin IB; myr1; unconventional myosin-Ib; MMIa; MYH-1c; MMI-alpha; myosin-Ib; myosin I alpha; myosin-I alpha; MYO1B variant protein;
Entrez Gene ID	4430
Protein Refseq	NP_001123630
UniProt ID	B0I1S9
Chromosome Location	2q12-q34
Function	ATP binding; actin filament binding; calmodulin binding; microfilament motor activity