



## 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	MYO1B (NP_036355, 979 a.a. ~ 1078 a.a) partial recombinant protein with GST tag. The sequence is VSMSSQNDGFFAVHLKEGSEAASKGDFLFSSDHIELMATKLYRTTLSQTKQKLNIEISDE FLVQFRQDKVCVKFIQGNQKNGSVPTCKRKNNRLLEVAVP
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">MYO1B myosin IB [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MYO1B
<b>Synonyms</b>	MYO1B; myosin IB; myr1; unconventional myosin-Ib; MM1a; MYH-1c; MMI-alpha; myosin-Ib; myosin I alpha; myosin-I alpha; MYO1B variant protein;
<b>Entrez Gene ID</b>	<a href="#">4430</a>
<b>Protein Refseq</b>	<a href="#">NP_001123630</a>
<b>UniProt ID</b>	<a href="#">B0I1S9</a>
<b>Chromosome Location</b>	2q12-q34
<b>Function</b>	ATP binding; actin filament binding; calmodulin binding; microfilament motor activity

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