



Anti-MYH9 polyclonal antibody (DPAB-DC772)

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

PRODUCT INFORMATION

Antigen Description	MYH9 (myosin, heavy chain 9, non-muscle) is a protein-coding gene. Diseases associated with MYH9 include sebastian syndrome, and myh9-related disorders, and among its related super-pathways are Immune response CCR3 signaling in eosinophils and Antioxidant Action of Vitamin-C. GO annotations related to this gene include calmodulin binding and protein homodimerization activity. An important paralog of this gene is MYH8.
Specificity	Specific to recombinant protein GX0844. This antibody detects endogenous mMYH9 protein in several cell types. It also recognizes human MYH9 protein.
Immunogen	Recombinant GST fusion protein corresponding to 244 mouse Myh9. The sequence is KKKQLVRQVREMEAELEDERKQRSMAMAARKKLEMDLKDLEAHIDTANKNREEAIKQLRK LQAQMKDCMRELD DTRASREEILAQAKENEKKLKSMEAEIMQLQEELAAAERAKRQAQQE RDELADEIANSSGKGALALEEKRRLEARIAQLEEELEEEQGNTELINDRLKKANLQIDQI NTDNLNLSHAQKNENARQQLERQNKELKAKLQEMESAVKSKYKASIAALEAKIAQLEEQ LDNE
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB,
Format	Liquid
Size	100 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	Myh9 myosin, heavy polypeptide 9, non-muscle [Mus musculus (house mouse)]
Official Symbol	MYH9
Synonyms	MYH9; myosin, heavy polypeptide 9, non-muscle; Fltn; Myhn1; Myhn-1; TU72.6; NMHCIIA; NMMHC-A; NMMHC-IIA; myosin-9; flectin; NMHC II-A; NMMHC II-a; myosin IIA; myosin heavy chain IX; non-muscle myosin heavy chain Ila; cellular myosin heavy chain, type A;
Entrez Gene ID	17886
Protein Refseq	NP_071855
UniProt ID	Q8VDD5
Chromosome Location	15 E1; 15 36.81 cM
Pathway	Axon guidance; Membrane Trafficking; Regulation of actin cytoskeleton; Sema4D in semaphorin signaling
Function	ADP binding; ATP binding; ATPase activity; actin binding