



MY18A rabbit pAb

Cat No.:ES9858

For research use only

Overview

Product Name	MY18A rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 1920-2000
Specificity	MY18A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Unconventional myosin-XVIIIa (Molecule associated with JAK3 N-terminus) (MAJN) (Myosin containing a PDZ domain)
Gene Name	MYO18A KIAA0216 MYSPDZ
Cellular localization	Golgi apparatus . Golgi apparatus, trans-Golgi network . Golgi outpost . Cytoplasm, cytoskeleton, microtubule organizing center . Recruited to the Golgi apparatus by GOLPH3 (PubMed:19837035). Localizes to the postsynaptic Golgi apparatus region, also named Golgi outpost, which shapes dendrite morphology by functioning as sites of acentrosomal microtubule nucleation (By similarity). . ; [Isoform 1]: Endoplasmic reticulum-Golgi intermediate compartment . Cytoplasm, cytoskeleton . Colocalizes with actin. . ; [Isoform 2]: Cytoplasm . Lacks the PDZ domain (PubMed:12761286). Diffusely localized in the cytoplasm (PubMed:12761286). . ; [Isoform 5]: Cell surface .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.





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Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	225kD
Human Gene ID	399687
Human Swiss-Prot Number	Q92614
Alternative Names	
Background	

caution:The TIAF1 protein is coded in the 3'-UTR region of MYO18A.,function:May be involved in the maintenance of the stromal cell architectures required for cell to cell contact.,similarity:Contains 1 IQ domain.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 1 PDZ (DHR) domain.,subcellular location:Colocalizes with actin.,subcellular location:Lacks the PDZ domain. Diffusely localized in the cytoplasm.,subunit:Homodimer. Interacts with JAK3 and actin.,



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