



MY18A Polyclonal Antibody

Catalog No	YP-Ab-05785
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MYO18A KIAA0216 MYSPDZ
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, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MY18A;MYO18A KIAA0216 MYSPDZ;Unconventional myosin-XVIIIa (Molecule associated with JAK3 N-terminus) (MAJN) (Myosin containing a PDZ domain)
Observed Band	225kD
Calculated Molecular Weight	225kD
Cell Pathway	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 .
Tissue Specificity	Amygdala,Brain,Epithelium,Liver,Peripheral blood,Platelet,Testis,
Function	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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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images