

MY18A Rabbit pAb

CatalogNo: YN0912

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 225kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 1920-2000

Specificity

MY18A Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

MYO18A KIAA0216 MYSPDZ

Protein Name	Unconventional myosin-XVIIIa (Molecule associated with JAK3 N-terminus) (MAJN) (Myosin containing a PDZ domain)		
	Organism	Gene ID	UniProt ID
	Human	399687 ;	Q92614 ;
	Mouse		Q9JMH9 ;
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 .		
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.,		

| Validation Data

| Contact information

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