

## 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	<a href="#">399687</a> ;	<a href="#">Q92614</a> ;
Mouse		<a href="#">Q9JMH9</a> ;

**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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**MY18A Rabbit pAb**

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