

For Research Use Only

# MYO16 Polyclonal antibody

Catalog Number: 25104-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

25104-1-AP

Size:

150ul, Concentration: 1400 ug/ml by Nanodrop and 487 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18798

GenBank Accession Number:

BC146791

GeneID (NCBI):

23026

UNIPROT ID:

Q9Y6X6

Full Name:

myosin XVI

Calculated MW:

1858 aa, 206 kDa

Observed MW:

200-240 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, rat

Cited Species:

human, mouse

Positive Controls:

WB : rat brain tissue,

## Background Information

MYO16, also named as KIAA0865, MYO16B, is actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. MYO16 may be involved in targeting of the catalytic subunit of protein phosphatase 1 during brain development. The antibody can recognize isoform1, isoform2 and isoform3 of MYO16.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shalini Menon	33378226	Mol Biol Cell	WB
Mona Katrin Roesler	31474830	Front Cell Neurosci	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

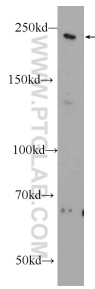
For technical support and original validation data for this product please contact:

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## Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 25104-1-AP (MYO16 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.