Leader in Biomolecular Solutions for Life Science

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# ENPP5 Rabbit mAb

## Catalog No.: A9415

Recombinant

## Basic Information

**Observed MW**
55kDa

**Calculated MW**
55kDa

**Category**
Monoclonal Antibodies

**Applications**
WB, IF/ICC, ELISA

**Cross Reactivity**
Human, Mouse, Rat

**Clone No.**
ARC2780

## Background

This gene encodes a type-I transmembrane glycoprotein. Studies in rat suggest the encoded protein may play a role in neuronal cell communications. Alternatively spliced transcript variants have been described.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:1000 |
| **IF/ICC** | 1:50 - 1:200 |

**ELISA**
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**
59084

**Swiss-Prot**
Q9UJA9

**Immunogen**
Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**
NPP5; NPP-5; ENPP5


## Contact

400-999-6126
cn.market@abclonal.com.cn
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## Product Information

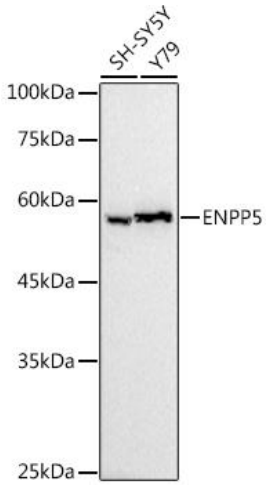
**Source**
Rabbit

**Isotype**
IgG

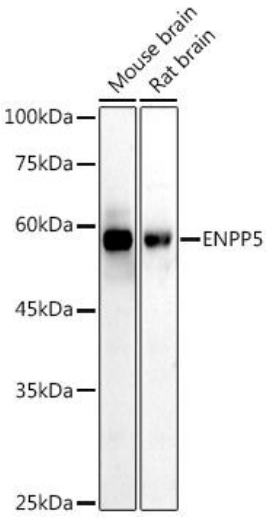
**Purity**
Affinity purification

**Storage**
Store at -20℃
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

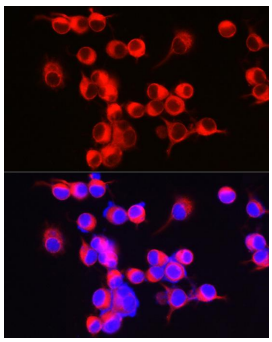
## Validation Data



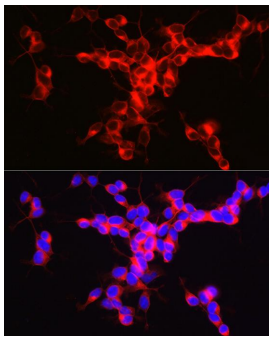

Western blot analysis of various lysates using ENPP5 Rabbit mAb (A9415) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10 s.




Western blot analysis of various lysates using ENPP5 Rabbit mAb (A9415) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90 s.



Immunofluorescence analysis of Neuro-2a cells using ENPP5 Rabbit mAb (A9415) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using ENPP5 Rabbit mAb (A9415) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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