

For Research Use Only

MAGI3 Recombinant antibody, PBS Only

Catalog Number: 84771-4-PBS



Basic Information

Catalog Number:

84771-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18394

GenBank Accession Number:

BC130409

GeneID (NCBI):

260425

UNIPROT ID:

Q5TCQ9

Full Name:

membrane associated guanylate kinase, WW and PDZ domain containing 3

Calculated MW:

1481 aa, 163 kDa

Observed MW:

140 kDa

Purification Method:

Protein A purification

CloneNo.:

242212C9

Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

MAGI proteins are scaffolding proteins, belonging to the Membrane-Associated Guanylate Kinase Inverted proteins of the MAGUK family. There are three members of the MAGI subfamily, MAGI-1, MAGI-2, and MAGI-3. They are comprised of 6 PDZ domains, 2 WW domains, and 1 GUK domain. They have been proven to mediate the transport and signal transduction of various G protein-coupled receptors (GPCRs) (PMID: 29625175). The antibody is specific to MAGI3.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

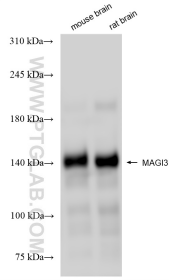
T: 4006900926

E: Proteintech-CN@ptglab.com

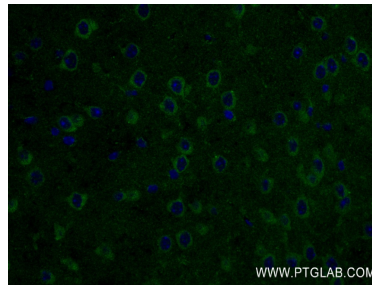
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

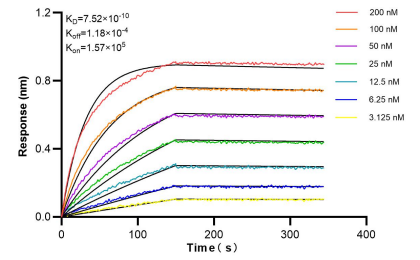
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84771-4-RR (MAG13 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84771-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using MAG13 antibody (84771-4-RR, Clone: 242212C9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84771-4-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 84771-4-RR against Human MAG13 were performed. The affinity constant is 0.752 nM.