For Research Use Only

MAGI3 Recombinant antibody

Catalog Number:84771-4-RR

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Uni-rAb
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Basic Information

Catalog Number:
84771-4-RR

Size:
1000 ug/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 purfication

CloneNo.:
242212C9

Recommended Dilutions:
WB 1:5000-1:50000
IF-P 1:200-1:800

Applications

Tested Applications:
WB, IF-P, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

IF-P : mouse brain tissue,

Background Information

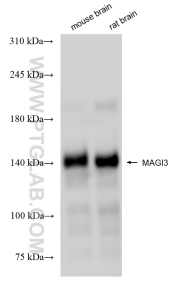
MAGI proteins are scaffolding proteins, belonging to the Membrane-Associated Guanylate Kinase Inverted proteins of the MAGUK family. There are three members of the MAGI subfamily, MAGI-1, MAGI-2, and MAGI-3. They are comprised of 6 PDZ domains, 2 WW domains, and 1 GUK domain. They have been proven to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

Storage

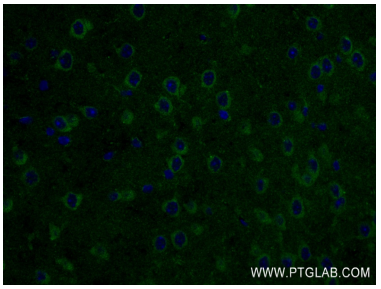
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

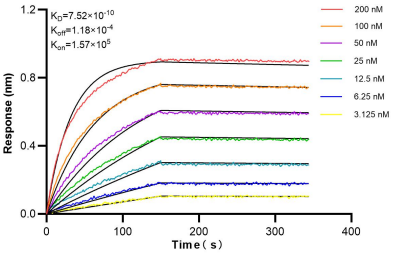
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84771-4-RR (MAGI3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using MAGI3 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).



Biolayer interferometry (BLI) kinetic assays of 84771-4-RR against Human MAGI3 were performed. The affinity constant is 0.752 nM.