

For Research Use Only

EPHA7 Monoclonal antibody

Catalog Number: 66667-1-Ig

Featured Product

3 Publications



Basic Information

Catalog Number:

66667-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG3813

GenBank Accession Number:

BC027940

GeneID (NCBI):

2045

UNIPROT ID:

Q15375

Full Name:

EPH receptor A7

Calculated MW:

998 aa, 112 kDa

Observed MW:

120 kDa

Purification Method:

Protein G purification

CloneNo.:

1A7E5

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat, pig

Cited Species:

human, mouse

Positive Controls:

WB : human brain tissue, pig brain tissue, rat brain tissue, mouse cerebellum tissue

Background Information

Ephrin receptor A7 (EphA7) is a member of the Eph receptor family. EPHA7 plays a role in corticogenesis processes, determines brain size and shape, and is involved in development of the central nervous system (PMID:34176129). In addition, EphA7 also has a dual role of tumor promoter and tumor suppressor. It can participate in cell proliferation, migration and apoptosis through various mechanisms, and affect tumor differentiation, staging and prognosis. EphA7 may be a potential diagnostic marker and tumor treatment target (PMID:35112312).

Notable Publications

Author	Pubmed ID	Journal	Application
Wataru Murase	34948416	Int J Mol Sci	WB
Ping'an Ding	39556695	Adv Sci (Weinh)	WB
Fenghua Qian	37459233	Cell Rep	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

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

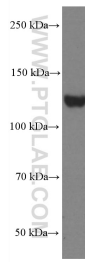
T: 4006900926

E: Proteintech-CN@ptglab.com

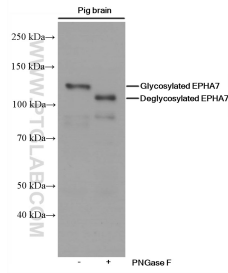
W: ptgcn.com

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Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 66667-1-Ig (EPHA7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Untreated and PNGase F-treated lysates of pig brain tissue were subjected to SDS PAGE followed by western blot with 66667-1-Ig (EPHA7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).