

For Research Use Only

# EPHA7 Monoclonal antibody, PBS Only



Catalog Number: 66667-1-PBS

## Basic Information

<b>Catalog Number:</b> 66667-1-PBS	<b>GenBank Accession Number:</b> BC027940	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 2045	<b>CloneNo.:</b> 1A7E5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q15375	
<b>Isotype:</b> IgG1	<b>Full Name:</b> EPH receptor A7	
<b>Immunogen Catalog Number:</b> AG3813	<b>Calculated MW:</b> 998 aa, 112 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, Mouse, Rat, Pig

## 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).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

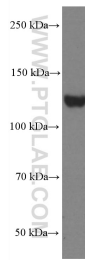
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

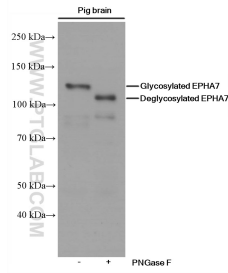
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 66667-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66667-1-PBS in a different storage buffer formulation.