

For Research Use Only

EPHA7 Monoclonal antibody, PBS Only

Catalog Number: 66667-1-PBS

Featured Product



Basic Information

Catalog Number: 66667-1-PBS	GenBank Accession Number: BC027940	Purification Method: Protein G purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 2045	CloneNo.: 1A7E5
Source: Mouse	UNIPROT ID: Q15375	
Isotype: IgG1	Full Name: EPH receptor A7	
Immunogen Catalog Number: AG3813	Calculated MW: 998 aa, 112 kDa	
	Observed MW: 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

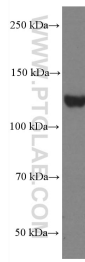
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

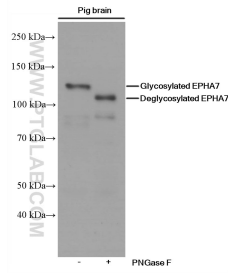
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.