

For Research Use Only

CHRNA7 Recombinant antibody, PBS Only



Catalog Number: 82848-4-PBS

Basic Information

Catalog Number: 82848-4-PBS	GenBank Accession Number: BC037571	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1139	CloneNo.: 240117D12
Source: Rabbit	UNIPROT ID: P36544	
Isotype: IgG	Full Name: cholinergic receptor, nicotinic, alpha 7	
Immunogen Catalog Number: AG15980	Calculated MW: 502 aa, 56 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Background Information

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:

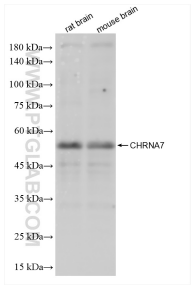
T: 4006900926

E: Proteintech-CN@ptglab.com

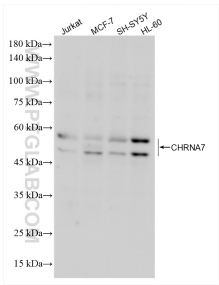
W: ptgcn.com

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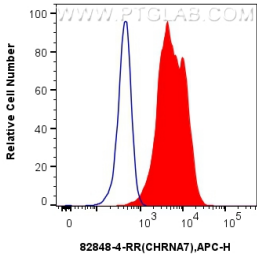
Selected Validation Data



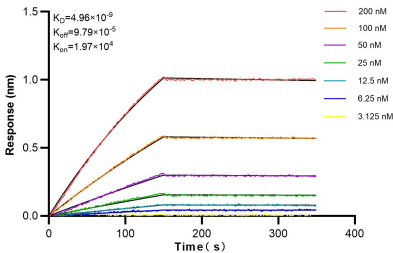
Various lysates were subjected to SDS PAGE followed by western blot with 82848-4-RR (CHRNA7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82848-4-PBS in a different storage buffer formulation.



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1x10⁶ SH-SY5Y cells were intracellularly stained with 0.25 ug Chrna7 Recombinant Antibody (82848-4-RR, Clone:240117D12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82848-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82848-4-RR against Human CHRNA7 were performed. The affinity constant is 4.96 nM.