

For Research Use Only

TPRG1L Recombinant antibody, PBS Only

Catalog Number: 83989-4-PBS



Basic Information

Catalog Number: 83989-4-PBS	GenBank Accession Number: BC019034	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 127262	CloneNo.: 241070G6
Source: Rabbit	UNIPROT ID: Q5T0D9	
Isotype: IgG	Full Name: tumor protein p63 regulated 1-like	
Immunogen Catalog Number: AG22585	Observed MW: 31 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

TPRG1L (Tumor protein p63-regulated gene 1-like protein) belongs to the presynaptic protein involved in the synaptic transmission tuning. It can regulate synaptic release probability by decreasing the calcium sensitivity of release. TPRG1L has two isoforms with molecular weights of 30kd and 23kd respectively. This antibody can recognize the 30kd isoform and may also recognize the 23kd isoform.

Storage

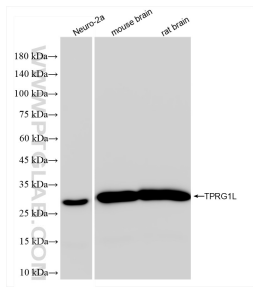
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

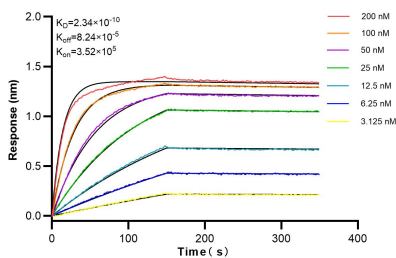
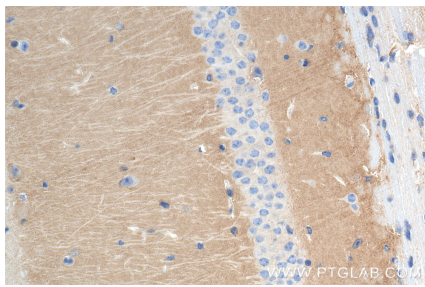
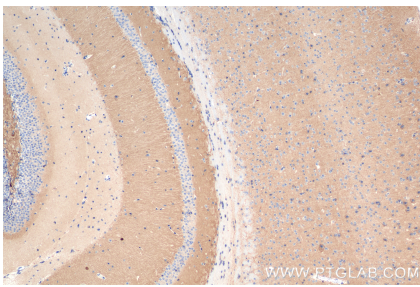
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83989-4-RR (TPRG1L antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83989-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83989-4-RR against Human TPRG1L were performed. The affinity constant is 0.234 nM.