

For Research Use Only

TYRO3 Recombinant antibody, PBS Only

Catalog Number: 84929-6-PBS



Basic Information

Catalog Number: 84929-6-PBS	GenBank Accession Number: BC049368	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7301	CloneNo.: 242477G1
Source: Rabbit	UNIPROT ID: Q06418	
Isotype: IgG	Full Name: TYRO3 protein tyrosine kinase	
Immunogen Catalog Number: AG29527	Calculated MW: 97 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

TYRO3 has a structure includes a cytoplasmic domain and an extracellular ligand binding region. And ligand binding at the cell surface induces dimerization and autophosphorylation of TYRO3 on its intracellular domain that provides docking sites for downstream signaling molecules. TYRO3 is associated with many physiological processes including cell survival, migration and differentiation. It has been reported that TYRO3 can be expressed in various regions of the mammalian central nervous system. The molecular mass of TYRO3 is 130 kDa, the apparent molecular mass is higher due to glycosylation. (PMID: 8873131, 23354874, 21539887)

Storage

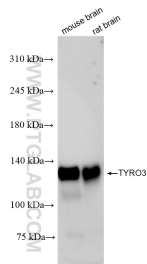
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

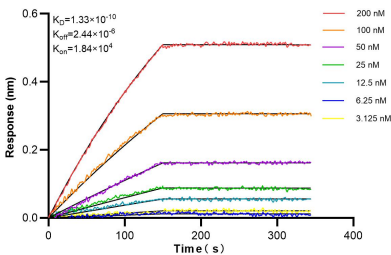
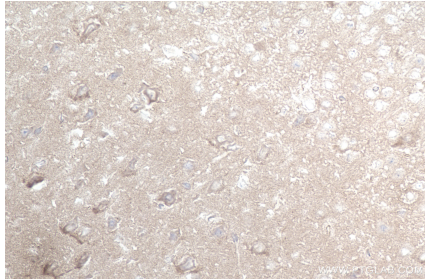
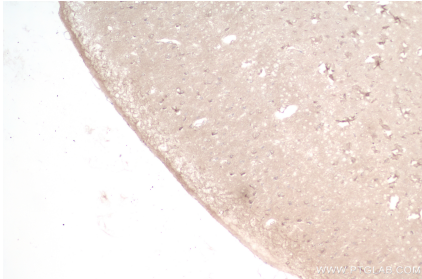
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84929-6-RR (TYRO3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84929-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84929-6-RR against Human TYRO3 were performed. The affinity constant is 0.133 nM.