

TYRO3 Recombinant antibody

Catalog Number: 84929-6-RR

Basic Information

Catalog Number: 84929-6-RR	GenBank Accession Number: BC049368	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 7301	CloneNo.: 242477G1
Source: Rabbit	UNIPROT ID: Q06418	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:125-1:500
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, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, IHC : mouse brain tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

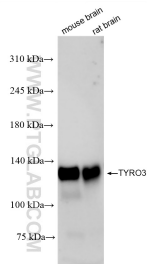
Background Information

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)

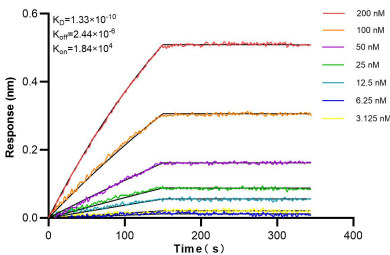
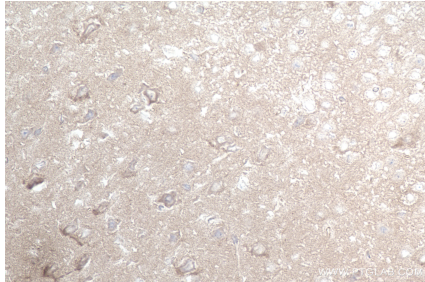
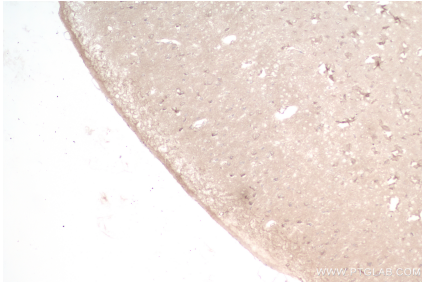
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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.



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