

For Research Use Only

TYRO3 Recombinant antibody

Catalog Number: 86404-3-RR



Basic Information

Catalog Number: 86404-3-RR	GenBank Accession Number: NM_019392.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 22174	CloneNo.: 250330B12
Source: Rabbit	UNIPROT ID: P55144-1	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: TYRO3 protein tyrosine kinase 3	
Immunogen Catalog Number: EG2918	Calculated MW: 96 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: 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

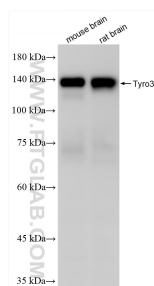
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86404-3-RR (Tyro3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.