

For Research Use Only

TYRO3 Polyclonal antibody

Catalog Number: 28513-1-AP **1 Publications**



Basic Information

Catalog Number: 28513-1-AP	GenBank Accession Number: BC049368	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 7301	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: TYRO3 protein tyrosine kinase	
Isotype: IgG	Calculated MW: 97 kDa	
Immunogen Catalog Number: AG29540	Observed MW: 140 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: FC, IF	WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IHC : human colon cancer tissue, mouse brain tissue
Cited Species: human	

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. 28513-1-AP antibody recognizes the 97 kDa and 140 kDa protein which might be the glycosylated form similar to the papers. (PMID: 8873131, 23354874, 21539887)

Notable Publications

Author	Pubmed ID	Journal	Application
Quang Duy Trinh	36230987	Cells	IF,FC

Storage

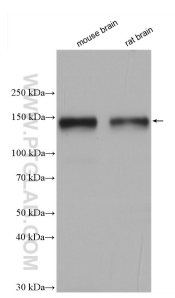
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

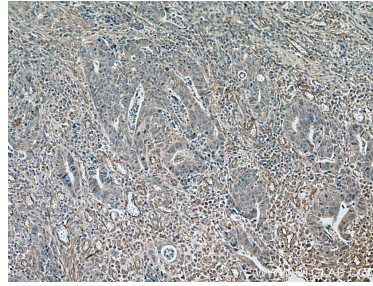
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28513-1-AP (TYRO3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28513-1-AP (TYRO3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).