

For Research Use Only

TYRO3 Polyclonal antibody, PBS Only

Catalog Number: 28513-1-PBS



Basic Information

Catalog Number: 28513-1-PBS	GenBank Accession Number: BC049368	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7301	
Source: Rabbit	UNIPROT ID: Q06418	
Isotype: IgG	Full Name: TYRO3 protein tyrosine kinase	
Immunogen Catalog Number: AG29540	Calculated MW: 97 kDa	
	Observed MW: 140 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, 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. 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)

Storage

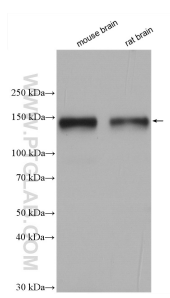
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

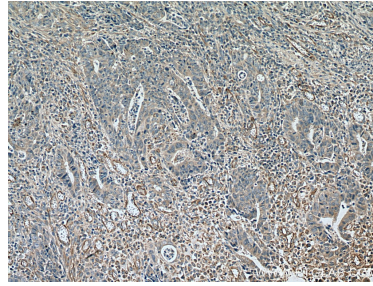
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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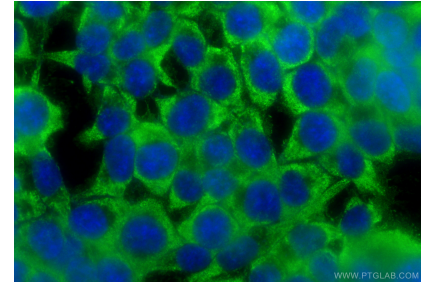
Selected Validation Data



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. This data was developed using the same antibody clone with 28513-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 28513-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HCT 116 cells using TYRO3 antibody (28513-1-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 28513-1-PBS in a different storage buffer formulation.