

For Research Use Only

FYN Polyclonal antibody

Catalog Number: 17237-1-AP



Basic Information

Catalog Number: 17237-1-AP	GenBank Accession Number: BC032496	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 2534	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: P06241	
Isotype: IgG	Full Name: FYN oncogene related to SRC, FGR, YES	
Immunogen Catalog Number: AG11080	Calculated MW: 537aa,61 kDa; 482aa,55 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A431 cells, HEK-293 cells, HeLa cells, K-562 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : rat testis tissue, mouse spleen tissue

Background Information

FYN, also named p59-Fyn and SLK, belongs to the protein kinase superfamily, Tyr protein kinase family, and SRC subfamily. FYN is implicated in the control of cell growth. It plays a role in the regulation of intracellular calcium levels, with isoform 2 showing a greater ability to mobilize cytoplasmic calcium in comparison to isoform 1. FYN is required in brain development and mature brain function with important roles in the regulation of axon growth, axon guidance, and neurite extension. FYN blocks axon outgrowth and attraction induced by NTN1 by phosphorylating its receptor DDC.

Storage

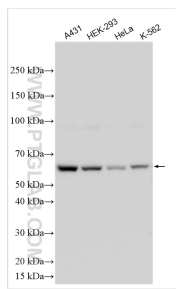
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

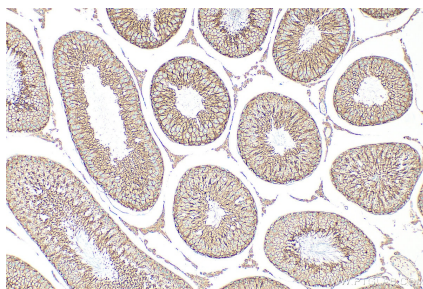
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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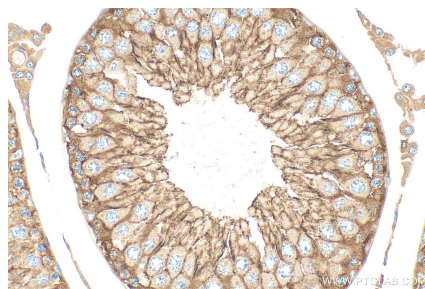
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17237-1-AP (FYN antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 17237-1-AP (FYN antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 17237-1-AP (FYN antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).