

For Research Use Only

SYK Polyclonal antibody

Catalog Number: 22206-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 22206-1-AP	GenBank Accession Number: BC001645	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 6850	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: spleen tyrosine kinase	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 635 aa, 72 kDa	
Immunogen Catalog Number: AG17526	Observed MW: 70-75 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, IP : HEK-293 cells, IHC : human spleen tissue,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human, mouse	

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

SYK (spleen tyrosine kinase) is a key regulator of signal transduction events, apoptosis and orderly cell cycle progression in B-lineage lymphoid cells. Although SYK has not been linked to a human disease, defective expression of the closely related T-cell tyrosine kinase ZAP-70 has been associated with severe combined immunodeficiency (PMID:11494125). This protein has 2 isoforms produced by alternative splicing. SYK also promotes liver fibrosis by activation of hepatic stellate cells and acts as a biomarker for human hepatocellular carcinoma. (PMID: 29537660)

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Yin	26708990	Biochim Biophys Acta	WB
Xuelin Han	34338598	Virulence	WB

Storage

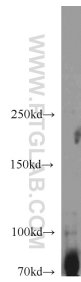
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

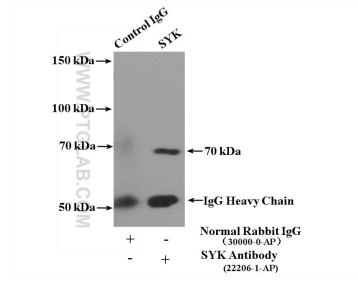
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

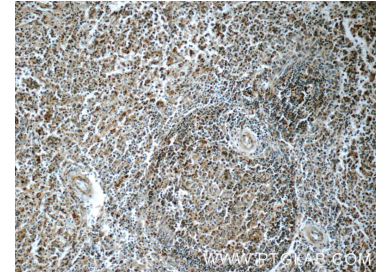
Selected Validation Data



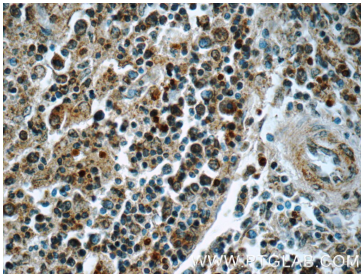
HEK-293 cells were subjected to SDS PAGE followed by western blot with 22206-1-AP (SYK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-SYK (IP:22206-1-AP, 4ug; Detection:22206-1-AP 1:500) with HEK-293 cells lysate 2700ug.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 22206-1-AP (SYK Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 22206-1-AP (SYK Antibody) at dilution of 1:50 (under 40x lens).