

For Research Use Only

STAT6 Recombinant antibody

Catalog Number: 82630-1-RR



Basic Information

Catalog Number:	82630-1-RR	GenBank Accession Number:	BC075852	Purification Method:	Protein A purification
Size:	1000 ug/ml	GeneID (NCBI):	6778	CloneNo.:	4F19
Source:	Rabbit	UNIPROT ID:	P42226	Recommended Dilutions:	WB 1:5000-1:50000
Isotype:	IgG	Full Name:	signal transducer and activator of transcription 6, interleukin-4 induced	IHC 1:500-1:2000	IF/ICC 1:50-1:500
		Calculated MW:	94 kDa		
		Observed MW:	105-110 kDa		

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, NIH/3T3 cells, HSC-T6 cells

IHC : human colon cancer tissue, human stomach tissue, mouse spleen tissue

IF/ICC : HeLa cells,

Background Information

STAT6, also named as Signal transducer and activator of transcription 6, is a 847 amino acid protein, which belongs to the transcription factor STAT family. STAT6 forms a homodimer or a heterodimer with a related family member. STAT6 translocates into the nucleus in response to phosphorylation. STAT6 is Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.

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

For technical support and original validation data for this product please contact:

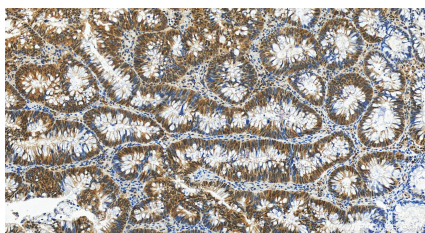
T: 4006900926

E: Proteintech-CN@ptglab.com

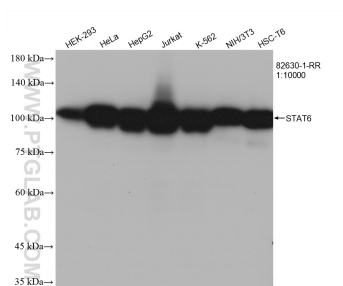
W: ptgcn.com

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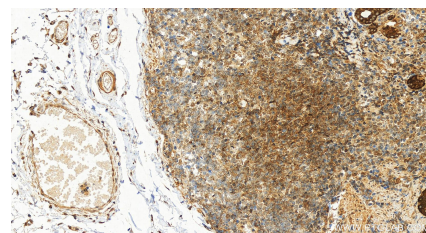
Selected Validation Data



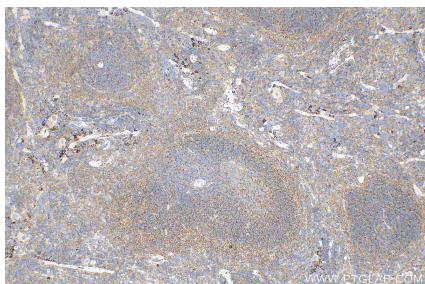
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 82630-1-RR (STAT6 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



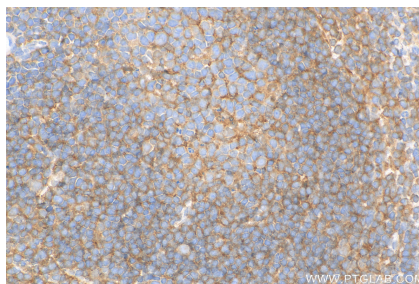
Various lysates were subjected to SDS PAGE followed by western blot with 82630-1-RR (STAT6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



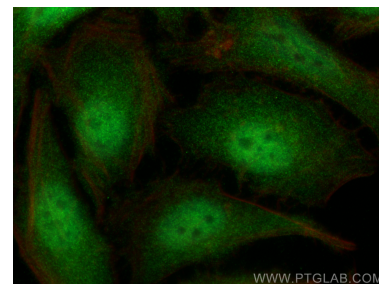
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 82630-1-RR (STAT6 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 82630-1-RR (STAT6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 82630-1-RR (STAT6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using STAT6 antibody (82630-1-RR, Clone: 4F19) at dilution of 1:200 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).