

For Research Use Only

SOCS6 Polyclonal antibody

Catalog Number: 27343-1-AP



Basic Information

Catalog Number: 27343-1-AP	GenBank Accession Number: BC020082	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 9306	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O14544	
Isotype: IgG	Full Name: suppressor of cytokine signaling 6	
Immunogen Catalog Number: AG25594	Calculated MW: 60 kDa	
	Observed MW: 60-75 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls: WB : human placenta tissue, IP : human placenta tissue, IHC : human colon tissue, mouse colon tissue
Species Specificity: 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

SOCS6 (Suppressor of cytokine signaling 6) is also named as CIS4 and SOCS4. SOCS6 is one of eight members of the SOCS family of proteins. SOCS6 is involved in negative regulation of receptor signaling by increasing degradation mediated by ubiquitination of receptors or substrate proteins and induces apoptosis by targeting mitochondrial proteins (PMID: 25172101). SOCS6 is widely expressed in many tissues and is found to be downregulated in many cancers including colorectal cancer, gastric cancer, lung cancer, ovarian cancer, stomach cancer, thyroid cancer, hepatocellular carcinoma, and pancreatic cancer (PMID: 25172101). In addition to its molecular weight of 60 kDa, SOCS6 has a 70 kDa isoform (PMID: 34169835, PMID: 22125600).

Storage

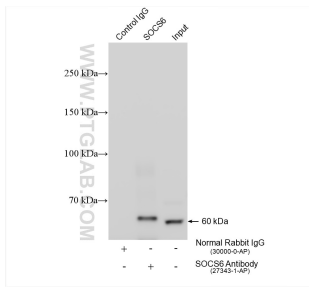
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

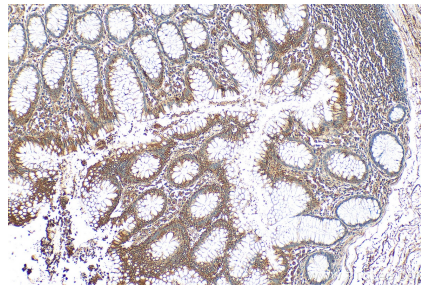
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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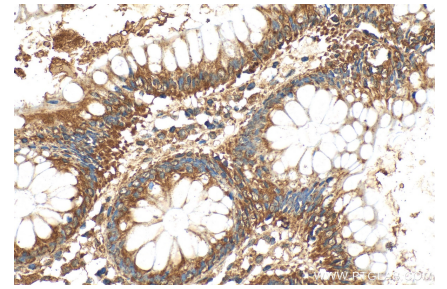
Selected Validation Data



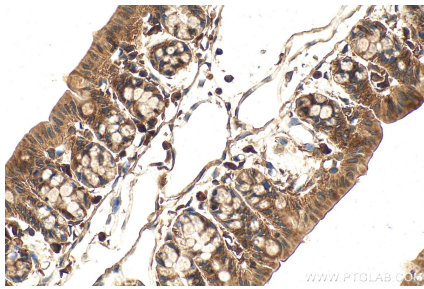
IP result of anti-SOCS6 (IP:27343-1-AP, 4ug; Detection:27343-1-AP 1:500) with human placenta tissue lysate 1160 ug.



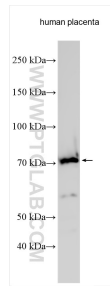
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27343-1-AP (SOCS6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27343-1-AP (SOCS6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 27343-1-AP (SOCS6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 27343-1-AP (SOCS6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.