

Product Datasheet

STAT3 Antibody (SY24-08)

NBP2-67432

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67432**STAT3 Antibody (SY24-08)**

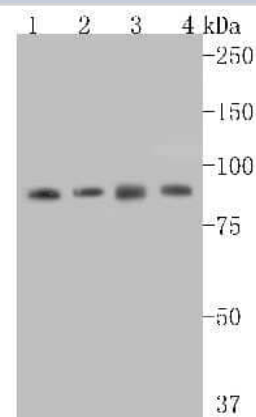
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SY24-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit STAT3 Antibody (SY24-08) (NBP2-67432) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-STAT3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6774
Gene Symbol	STAT3
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Synthetic peptide within human STAT3 aa 670-710. (SwissProt: P40763 Human; SwissProt: P42227 Mouse; SwissProt: P52631 Rat)

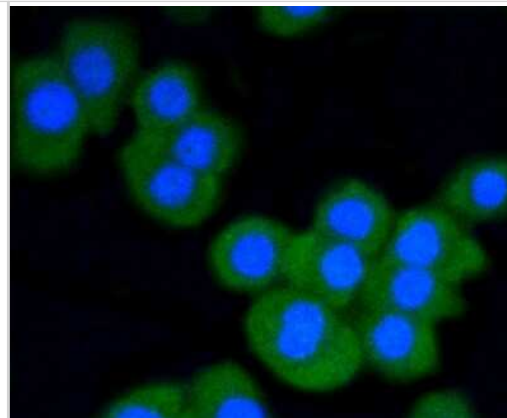
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

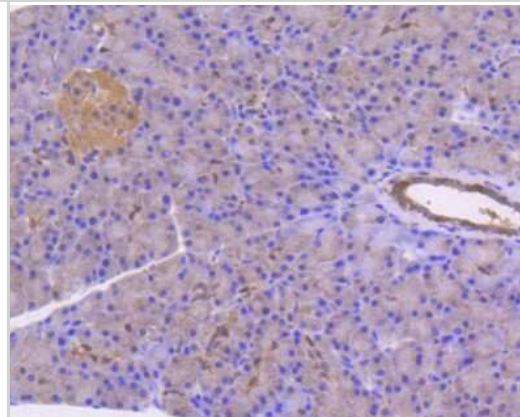
Western Blot: STAT3 Antibody (SY24-08) [NBP2-67432] - Western blot analysis of STAT3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab



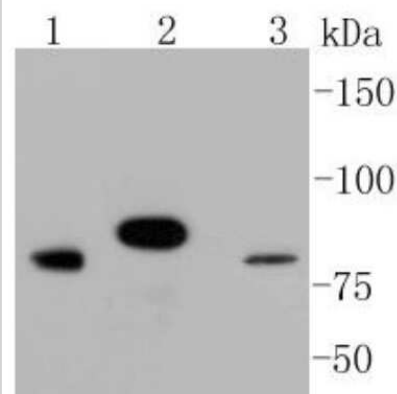
Immunocytochemistry/Immunofluorescence: STAT3 Antibody (SY24-08) [NBP2-67432] - Staining Stat3 in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



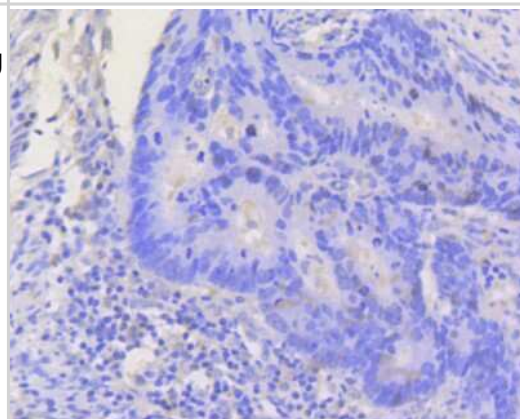
Immunohistochemistry-Paraffin: STAT3 Antibody (SY24-08) [NBP2-67432] - Immunohistochemical analysis of paraffin-embedded rat pancreas tissue using anti-STAT3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1607-38, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



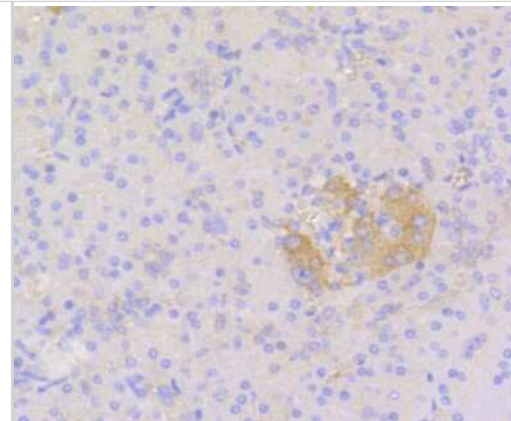
Western Blot: STAT3 Antibody (SY24-08) [NBP2-67432] - Analysis of Stat3 on different lysates using anti-Stat3 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: SHG-44 Lane 3: SW480



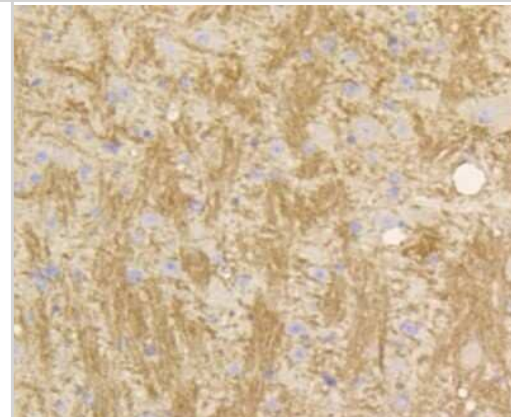
Immunohistochemistry-Paraffin: STAT3 Antibody (SY24-08) [NBP2-67432] - Analysis of paraffin-embedded human colon cancer tissue using anti-Stat3 antibody. Counter stained with hematoxylin.



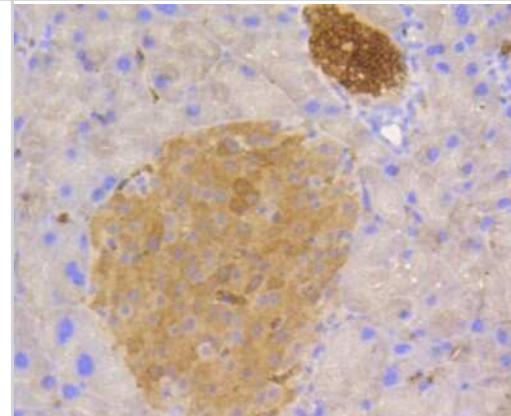
Immunohistochemistry-Paraffin: STAT3 Antibody (SY24-08) [NBP2-67432] - Analysis of paraffin-embedded human pancreas tissue using anti-Stat3 antibody. Counter stained with hematoxylin.



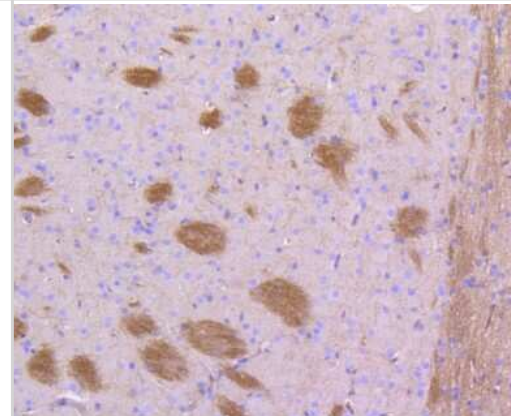
Immunohistochemistry-Paraffin: STAT3 Antibody (SY24-08) [NBP2-67432] - Analysis of paraffin-embedded mouse brain tissue using anti-Stat3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: STAT3 Antibody (SY24-08) [NBP2-67432] - Analysis of paraffin-embedded mouse pancreas tissue using anti-Stat3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: STAT3 Antibody (SY24-08) [NBP2-67432] - Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-STAT3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (ET1607-38, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Publications

Toral-Rios D, PatiNo-LOpez G, GÓmez-Lira G et al. Activation of STAT3 Regulates Reactive Astrogliosis and Neuronal Death Induced by A beta O Neurotoxicity Int J Mol Sci 2020-10-02 [PMID: 33050466] (ICC/IF, Rat)



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Products Related to NBP2-67432

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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