STAT3 (Phospho-Tyr705) Rabbit mAb

Catalog No: #14235

Package Size: #14235-1 50ul #14235-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	STAT3 (Phospho-Tyr705) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	Phospho-STAT3 (Y705) Antibody detects endogenous levels of total Phospho-STAT3 (Y705)
Immunogen Description	A synthesized peptide derived from human STAT3
Conjugates	Unconjugated
Other Names	APRF; Stat3; HIES; Acute-phase response factor;
Accession No.	Uniprot:P40763
Calculated MW	88kDa
SDS-PAGE MW	88kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

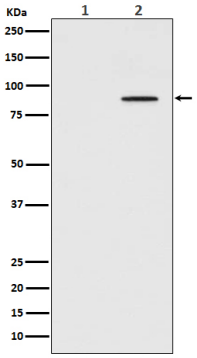
WB:1:5000~1:10000

IHC:1:50~1:100

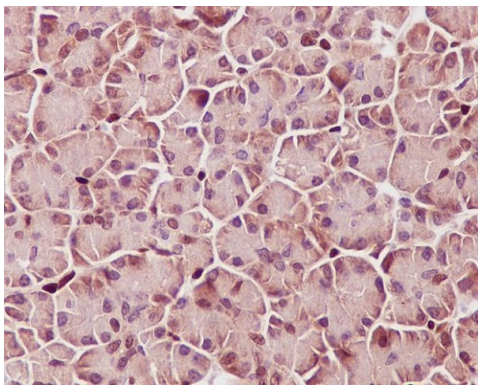
ICC/IF:1:50~1:000

IP:1:30

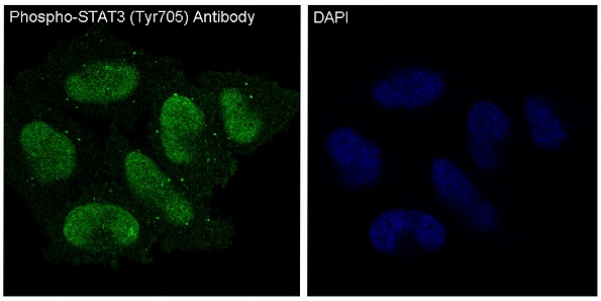
Images



Western blot analysis of Phospho-STAT3 (Tyr705) expression in (1) HeLa cell lysate; (2) HeLa cell lysate treated with IFN-a.



Immunohistochemical analysis of paraffin-embedded human pancreas, using Phospho-STAT3 (Y705) Antibody.



Immunofluorescent analysis of HeLa cells treated with IFN-alpha, using Phospho-STAT3 (Y705) Antibody.

Product Description

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated through phosphorylation in response to various cytokines and growth factors including IFNs, EGF, IL5, IL6, HGF, LIF and BMP2.

Published Papers

Pei Gong;Pei Gong;Lijiao Zhao;Lijiao Zhao;Yunlong Ma;Yunlong Ma;Qiuting Shu;Qiuting Shu;Hui Sun;Hui Sun;Jing Lu;Jing Lu;Fanhua Meng;Fanhua Meng;Fang Wan;Fang Wan el at., AHR Agonist ITE Boosted PD1 Antibodyβ s Effects by Inhibiting Myeloid-Derived Cells Suppressive Cells in an Orthotopic Mouse Glioma Model, , (2025)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.