Stat3 (phospho-Ser754) rabbit pAb

Catalog No: #13504

Package Size: #13504-1 50ul #13504-2 100ul

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

Description

Product Name	Stat3 (phospho-Ser754) rabbit pAb
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human;Mouse
Specificity	This antibody detects endogenous levels of Human Mouse Stat3 (phospho-Ser754)
Immunogen Description	Synthesized phosho peptide around human Stat3 (Ser754)
Conjugates	Unconjugated
Other Names	Signal transducer and activator of transcription 3 (Acute-phase response factor)
Accession No.	Swiss Prot:P40763GeneID:6774
SDS-PAGE MW	88
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:1000-2000

Background

signal transducer and activator of transcription 3(STAT3) Homo sapiens 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. This protein mediates the expression of a variety of genes in response to cell stimuli, and thus plays a key role in many cellular processes such as cell growth and apoptosis. The small GTPase Rac1 has been shown to bind and regulate the activity of this protein. PIAS3 protein is a specific inhibitor of this protein. Mutations in this gene are associated with infantile-onset multisystem autoimmune disease and hyper

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.