

Stat3 (phospho-Ser754) rabbit pAb

Catalog No: #13504



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

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Description

Product Name	Stat3 (phospho-Ser754) rabbit pAb
Host Species	Rabbit
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 phospho peptide around human Stat3 (Ser754)
Other Names	Signal transducer and activator of transcription 3 (Acute-phase response factor)
Accession No.	Swiss Prot:P40763 GeneID:6774
Uniprot	P40763
GeneID	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

Note: This product is for in vitro research use only