

NFATc1 (phospho Ser294) Polyclonal Antibody

Catalog No: #13677



Package Size: #13677-1 50ul #13677-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	NFATc1 (phospho Ser294) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse
Specificity	Phospho-NFATc1 (S294) Polyclonal Antibody detects endogenous levels of NFATc1 protein only when phosphorylated at S294.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human NFAT2 around the phosphorylation site of Ser294. AA range:261-310
Other Names	NFATC1; NFAT2; NFATC; Nuclear factor of activated T-cells; cytoplasmic 1; NF-ATc1; NFATc1; NFAT transcription complex cytosolic component; NF-ATc; NFATc
Accession No.	Swiss Prot:O95644GeneID:4772
Uniprot	O95644
GeneID	4772
Calculated MW	101kd
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 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Background

nuclear factor of activated T-cells 1(NFATC1) Homo sapiens The product of this gene is a component of the nuclear factor of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation, and an inducible nuclear component. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes. [provided by RefSeq, Jul 2013],

Note: This product is for in vitro research use only