

NFATC1 Rabbit Polyclonal Antibody

Catalog No: #54326



Package Size: #54326-1 50ul #54326-2 100ul

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

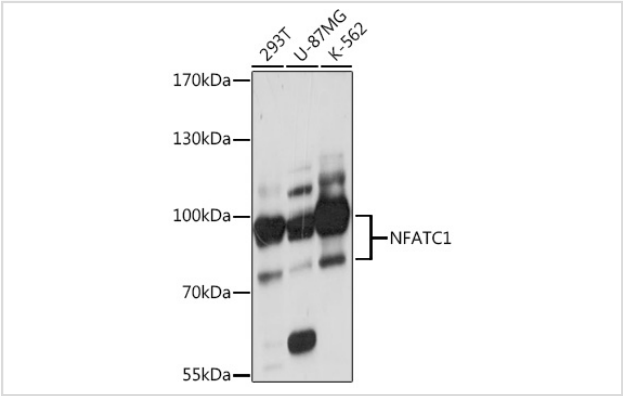
Description

Product Name	NFATC1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human
Immunogen Description	Recombinant protein of human NFATC1.
Other Names	NF-ATC;NF-ATc1.2;NFAT2;NFATc;NFATC1
Accession No.	Swiss Prot:O95644Gene ID:4772
Uniprot	O95644
GeneID	4772
Calculated MW	38kDa/74- 88kDa/100-101kDa
SDS-PAGE MW	75-100kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

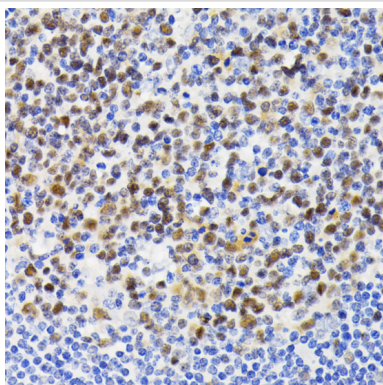
Application Details

WB 1:2000 - 1:5000IHC 1:50 - 1:200

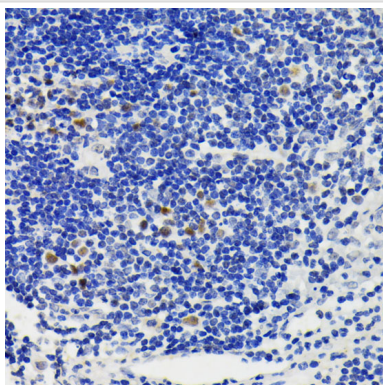
Images



Western blot analysis of extracts of various cell lines, using NFATC1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human tonsil using NFAT2 antibody.



Immunohistochemistry of paraffin-embedded human appendix using NFAT2 antibody.

Background

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.

Note: This product is for in vitro research use only