

Rabbit Anti-Mouse Nuclear Factor of Activated T-Cells Cytoplasmic 1 (NFATC1) Polyclonal Antibody

Cat. No.: VD1N173

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse nuclear factor of activated T-cells cytoplasmic 1. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of mouse nuclear factor of activated T-cells cytoplasmic 1.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A3N31
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Nuclear Factor of Activated T-Cells Cytoplasmic 1
Isotype	IgG
Immunogen	Recombinant protein of mouse nuclear factor of activated T-cells cytoplasmic 1
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Mouse Nuclear Factor of Activated T-cells, Cytoplasmic 1 (NFATc1) is a transcription factor that plays a crucial role in immune responses. It is expressed in T cells and other immune cells, regulating the expression of genes involved in cytokine production and immune cell activation. NFATc1 is activated by calcium signaling pathways and translocates to the nucleus, where it binds to specific DNA sequences to modulate gene transcription. This protein is essential for the proper functioning of the immune system and the regulation of inflammatory responses.

Target	Mouse Nuclear Factor of Activated T-Cells Cytoplasmic 1
Target Synonym	NF-ATC; NFAT2; NFATc; NFAT transcription complex cytosolic component
Gene ID	18018
UniProt ID	O88942

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

Reference

Plyte, Simon, *et al.* "Identification and characterization of a novel nuclear factor of activated T-cells-1 isoform expressed in mouse brain." *Journal of Biological Chemistry* 276.17 (2001): 14350-14358.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.