

NFATC3 Rabbit mAb

Catalog No.: A22710 **Recombinant**

Basic Information

Observed MW

150kDa

Calculated MW

116kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC58477

Background

The product of this gene is a member of the nuclear factors 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. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Several transcript variants encoding distinct isoforms have been identified for this gene.

Recommended Dilutions

WB	1:2000 - 1:9000
IF/ICC	1:100 - 1:500

Immunogen Information

Gene ID

4775

Swiss Prot

Q12968

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 850-1075 of human NFATC3. (NP_775188.1).

Synonyms

NFAT4; NFATX; NF-AT4c; n339260; NFATC3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

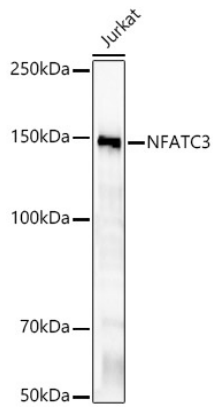
Affinity purification

Storage

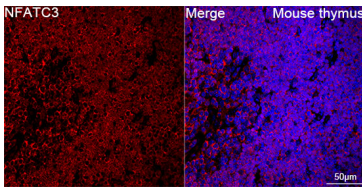
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

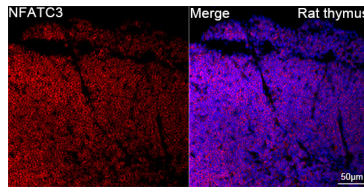
Validation Data



Western blot analysis of lysates from Jurkat cells, using NFATC3 Rabbit mAb (A22710) at 1:8000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Confocal imaging of paraffin-embedded Mouse thymus using NFATC3 Rabbit mAb (A22710,dilution 1:400) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500)(Red).DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citRate buffer (pH 6.0) prior to IF staining.



Confocal imaging of paraffin-embedded Rat thymus using NFATC3 Rabbit mAb (A22710,dilution 1:400) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500)(Red).DAPI was used for nuclear staining (Blue). Objective: 40x.