

NFAT5 Rabbit pAb

Catalog No.: A16649

Basic Information

Observed MW

174kDa

Calculated MW

166kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

The product of this gene is a member of the nuclear factors of activated T cells family of transcription factors. Proteins belonging to this family play a central role in inducible gene transcription during the immune response. This protein regulates gene expression induced by osmotic stress in mammalian cells. Unlike monomeric members of this protein family, this protein exists as a homodimer and forms stable dimers with DNA elements. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10725

Swiss Prot

O94916

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1355-1455 of human NFAT5 (NP_619728.2).

Synonyms

NFATZ; OREBP; NF-AT5; NFATL1; TONEBP; NFAT5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

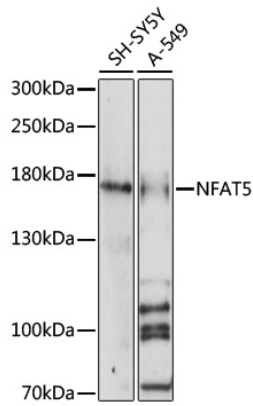
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using NFAT5 Rabbit pAb (A16649) at 1:1000 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: 60s.