

Rabbit anti-Human NFAT5 Polyclonal Antibody | anti-NFAT5 antibody

Rabbit anti-NFAT5 Antibody, Affinity Purified

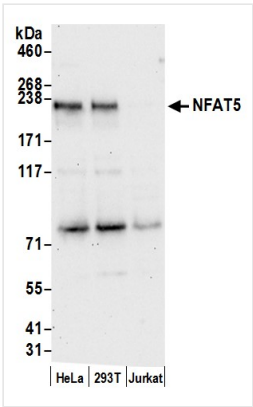
CATALOG # AAA213133	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

NFAT5; Polyclonal Antibody; Rabbit anti-NFAT5 Antibody; Affinity Purified; nuclear factor of activated T-cells 5; tonicity-responsive; TonE-binding protein; TONEBP; T-cell transcription factor NFAT5; osmotic response element-binding protein; OREBP; NFATZ; NFAT-like protein 1; NFATL1; glutamine rich protein H65; NF-AT5; tonicity-responsive enhancer-binding protein; Nuclear factor of activated T-cells 5; nuclear factor of activated T cells 5; anti-NFAT5 antibody

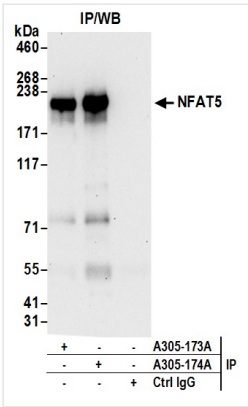
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NFAT5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 1481 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human NFAT5 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NFAT5 antibody AAA213133 (lot AAA213133-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human NFAT5 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NFAT5 antibody AAA213133 (lot AAA213133-1) used for IP at 6 ug per reaction. NFAT5 was also immunoprecipitated by rabbit anti-NFAT5 antibody For blotting immunoprecipitated NFAT5, AAA213133 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NFAT5 antibody	The product of the NFAT5 (TONEBP) gene, nuclear factor of activated T-cells 5, 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. NFAT5 regulates gene expression induced by osmotic stress in mammalian cells. Unlike monomeric members of this protein family, NFAT5 exists as a homodimer and forms stable dimers with DNA elements [taken from NCBI Entrez Gene (Gene ID: 10725)].
Product Categories/Family for anti-NFAT5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886520
NCBI GeneID	10725
NCBI Accession #	NP_619728.2
NCBI GenBank Nucleotide #	NM_138714.3
UniProt Accession #	O94916; Q7LA65; Q96QH3; Q9UE63
Molecular Weight	157,966 Da
NCBI Official Full Name	nuclear factor of activated T-cells 5 isoform a
NCBI Official Synonym Full Names	nuclear factor of activated T-cells 5, tonicity-responsive
NCBI Official Symbol	NFAT5
NCBI Official Synonym Symbols	NFATZ; OREBP; NF-AT5; NFATL1; TONEBP; KIAA0827
NCBI Protein Information	nuclear factor of activated T-cells 5; OTTHUMP00000174893; OTTHUMP00000174894; NFAT-like protein 1; TonE-binding protein; glutamine rich protein H65; T-cell transcription factor NFAT5; osmotic response element-binding protein; tonicity-responsive enhancer
UniProt Protein Name	Nuclear factor of activated T-cells 5
UniProt Gene Name	NFAT5
UniProt Synonym Gene Names	KIAA0827; TONEBP; NF-AT5; TonE-binding protein; TonEBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfat5-antibody-immunoprecipitation-western-blot-elisa/213133>