

Rabbit NFATC4 Polyclonal Antibody | anti-NFATC4 antibody

NFATC4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197440	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot, Immunohistochemistry

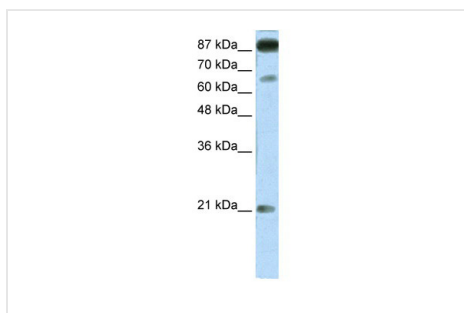
PRODUCT SYNONYMS

NFATC4; Polyclonal Antibody; NFATC4 antibody - middle region; anti-NFATC4 antibody

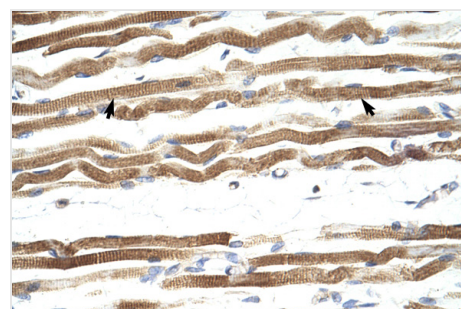
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GE ELVLTGSNFL PDSKVVFIER GPDGKLQWEE EATVNRLQSN EVTLTLTV
Sequence Length	902
Applicable Applications for anti-NFATC4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 85%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NFATC4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-NFATC4 Antibody Titration: 1.25ug/ml Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC4 antibody	This is a rabbit polyclonal antibody against NFATC4. It was validated on Western Blot and immunohistochemistry Target Description: NFATC4 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 of nuclear factors of activated T cells also participate in the formation of this complex. NFATC4 plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4. 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 of nuclear factors of activated T cells also participate in the formation of this complex. The product of this gene plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4.
Product Categories/Family for anti-NFATC4 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Lymphocyte Signaling; Chromatin & Nuclear Signaling; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886563
NCBI GeneID	4776
NCBI Accession #	NP_004545
NCBI GenBank Nucleotide #	NM_004554
UniProt Accession #	Q14934
Molecular Weight	95kDa
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 4 isoform 2
NCBI Official Synonym Full Names	nuclear factor of activated T cells 4
NCBI Official Symbol	NFATC4
NCBI Official Synonym Symbols	NFAT3; NF-AT3; NF-ATC4
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 4
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 4
UniProt Gene Name	NFATC4
UniProt Synonym Gene Names	NFAT3; NF-ATc4; NFATc4; NF-AT3
UniProt Entry Name	NFAC4_HUMAN

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/nfatc4-antibody-western-blot-immunohistochemistry-elisa/197440>