

Rabbit NFATC1 Polyclonal Antibody | anti-NFATC1 antibody

NFATC1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198543	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

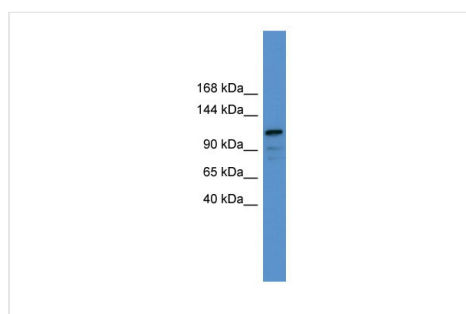
PRODUCT SYNONYMS

NFATC1; Polyclonal Antibody; NFATC1 antibody - C-terminal region; anti-NFATC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity 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: LL PEVHEDGSPN LAPVTVKR EPEELDQLYL DDVNEIIRND LSSTSTHS
Sequence Length	930
Applicable Applications for anti-NFATC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 79%; Dog: 93%; Guinea Pig: 91%; Horse: 91%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NFATC1
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.

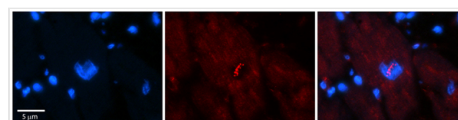
IMAGES



WB (Western Blot)

WB Suggested Anti-NFATC1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: COLO205 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-NFATC1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult

heart Observed Staining: Nuclear, Cytoplasmic Primary Antibody Concentration:

1:100 Secondary Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration:

1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC1 antibody	This is a rabbit polyclonal antibody against NFATC1. It was validated on Western Blot Target Description: NFATC1 is a component of the nuclear factor 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. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Different isoforms of this protein may regulate inducible expression of different cytokine genes.
Product Categories/Family for anti-NFATC1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Cell Biology; Chromatin & Nuclear Signaling; Immunology; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	27502386
NCBI GeneID	4772
NCBI Accession #	NP_765975
NCBI GenBank Nucleotide #	NM_172387
UniProt Accession #	B5B2M5; O95644
Molecular Weight	100kDa
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 1 isoform C
NCBI Official Synonym Full Names	nuclear factor of activated T cells 1
NCBI Official Symbol	NFATC1
NCBI Official Synonym Symbols	NFAT2; NFATc; NF-ATC; NF-ATc1.2
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 1

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/nfatc1-antibody-immunohistochemistry-western-blot-elisa/198543>