

Rabbit anti-Human NFATC1 Polyclonal Antibody | anti-NFATC1 antibody

NFATC1 Antibody

CATALOG # AAA231646	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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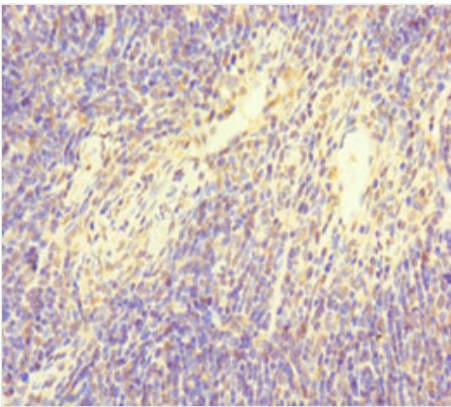
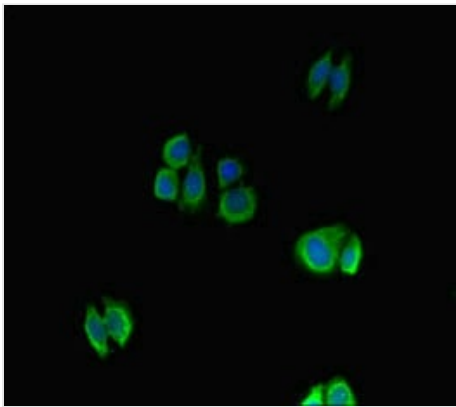
PRODUCT SYNONYMS

NFATC1; Polyclonal Antibody; NFATC1 Antibody; Nuclear factor of activated T-cells; cytoplasmic 1NF-ATc1NFATc1; NFAT transcription complex cytosolic component; NF-ATc; NFATc; NFAT2; NFATC; anti-NFATC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	943
Applicable Applications for anti-NFATC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Nuclear factor of activated T-cells, cytoplasmic 1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1149 / sc-13033
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG-2 cells using AAA231646 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA231646 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC1 antibody	Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2 or IL-4 gene transcription. Also controls gene expression in embryonic cardiac cells. Could regulate not only the activation and proliferation but also the differentiation and programmed death of T-lymphocytes as well as lymphoid and non-lymphoid cells (PubMed:10358178). Required for osteoclastogenesis and regulates many genes important for osteoclast differentiation and function (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	522021835
NCBI GeneID	4772
NCBI Accession #	NP_001265598.1
NCBI GenBank Nucleotide #	NM_001278669.1
UniProt Accession #	O95644; Q12865; Q15793; Q2M1S3; B5B2M4; B5B2M5; B5B2M6; B5B2M7; B5B2M8; B5B2M9; B5B2N1
Molecular Weight	38,626 Da
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 1 isoform F
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
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 1
UniProt Gene Name	NFATC1
UniProt Synonym Gene Names	NFAT2; NFATC; NF-ATc1; NFATc1; NF-ATc; NFATc
UniProt Entry Name	NFAC1_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.