Rabbit NFATC2 Polyclonal Antibody | anti-NFATC2 antibody

NFATC2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198423	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish**	**Western Blot, Immunohistochemistry**

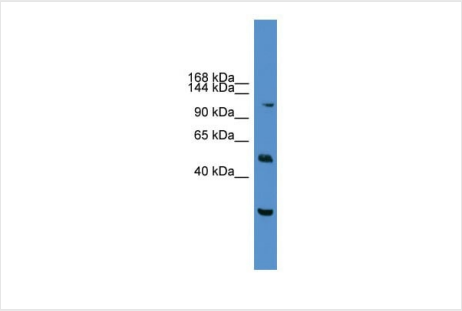
PRODUCT SYNONYMS

NFATC2; Polyclonal Antibody; NFATC2 antibody - C-terminal region; anti-NFATC2 antibody

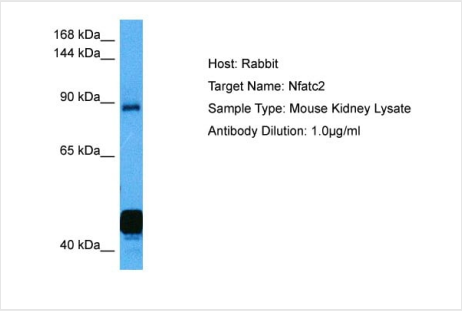
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, 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	Syntheticp eptideloca tedwithint hefollowin gregion:PT VIQQQNATSQ RAAKNGPPVS DQKEVLPAGV TIKQEQNLDQ TYLDDVNE
Sequence Length	925
Applicable Applications for anti-NFATC2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NFATC2
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.

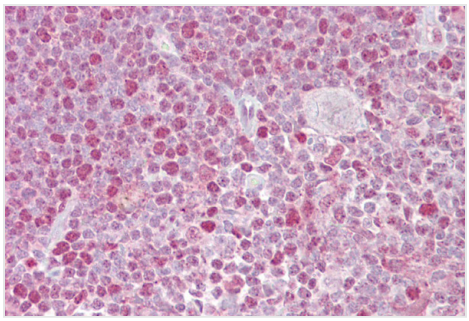
IMAGES



WB (Western Blot)
WB Suggested Anti-NFATC2 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Hela cell lysate



WB (Western Blot)
Host: MouseTarget Name: NFATC2Sample Tissue: Mouse KidneyAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Immunohistochemistry with Thymus tissue at an antibody concentration of 5ug/ml using anti-NFATC2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC2 antibody	This is a rabbit polyclonal antibody against NFATC2. It was validated on Western Blot Target Description: This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation, where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-NFATC2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886541
NCBI GeneID	4773
NCBI Accession #	NP_775114
NCBI GenBank Nucleotide #	NM_173091
UniProt Accession #	Q13469
Molecular Weight	100kDa
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 2 isoform C
NCBI Official Synonym Full Names	nuclear factor of activated T cells 2
NCBI Official Symbol	NFATC2
NCBI Official Synonym Symbols	NFAT1; NFATP
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 2
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 2
UniProt Gene Name	**NFATC2**
UniProt Synonym Gene Names	NFAT1; NFATP; NF-ATc2; NFATc2; NF-ATp
UniProt Entry Name	NFAC2_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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