

Datasheet for ABIN2792685
anti-NFATC3 antibody (N-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	NFATC3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFATC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NFATC3
Sequence:	AVFPFQYCVE TDIPLKTRKT SEDQAAILPG KLELCSDDQG SLSPARETSI
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NFATC3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NFATC3
Alternative Name:	NFAT4 / NFATC3 (NFATC3 Products)
Background:	<p>NFATC3 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 participate to form this complex also. NFATC3 plays a role in the regulation of gene expression in T cells and immature thymocytes. 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 participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Four transcript variants encoding distinct isoforms have been identified for this gene.</p> <p>Alias Symbols: NFAT4, NFATX</p> <p>Protein Interaction Partner: MAPK9, MAPK8, CDK6, NCOA3, TTF1, CSNK1A1, FOS,</p> <p>Protein Size: 1068</p>
Molecular Weight:	115 kDa
Gene ID:	4775
NCBI Accession:	NM_004555 , NP_004546
UniProt:	B5B2S0
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Chromatin Binding

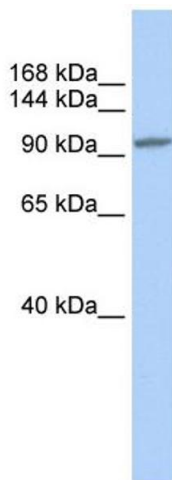
Application Details

Application Notes:	<p>WB Suggested Anti-NFATC3 Antibody Titration: 0.2-1 µg/mL</p> <p>ELISA Titer: 1:62500</p> <p>Positive Control: Hela cell lysate.</p> <p>Immunohistochemistry with Thymus tissue at an antibody concentration of 5 µg/mL using anti-NFATC3 antibody (ABIN504679).</p> <p>Optimal working dilutions should be determined experimentally by the investigator.</p>
Comment:	Antigen size: 1068 AA
Restrictions:	For Research Use only

Handling

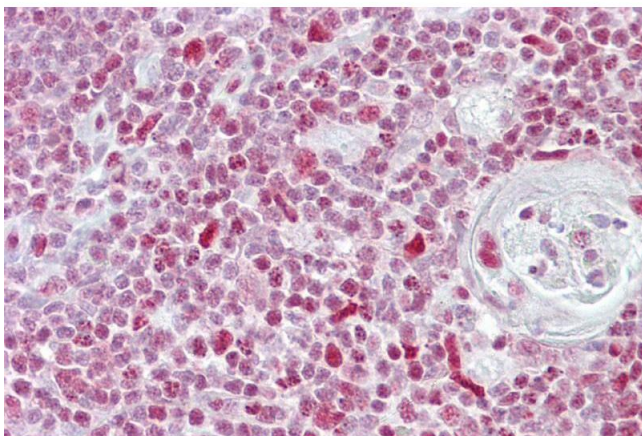
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



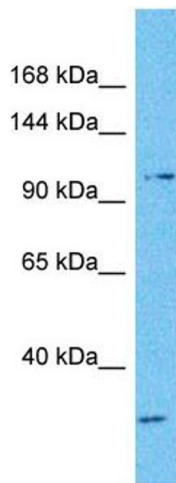
Western Blotting

Image 1. WB Suggested Anti-NFATC3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HeLa cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Thymus tissue at an antibody concentration of 5µg/ml using anti-NFATC3 antibody (P100975_P050)



Western Blotting

Image 3. Host: Rabbit Target Name: NFATC3 Sample Type: Fetal Lung lysates Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2792685.