

Datasheet for ABIN2787951 anti-NFATC1 antibody (N-Term)

2 Images



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Quantity:	100 μL
Target:	NFATC1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Dog, Rabbit, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFATC1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NFATC1
Sequence:	PRHSPSTSPR ASVTEESWLG ARSSRPASPC NKRKYSLNGR QPPYSPHHSP
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against NFATC1. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	NFATC1

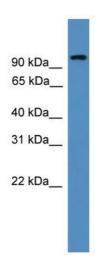
Target Details

Alternative Name:	NFATC1 (NFATC1 Products)			
Background:	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.			
	Alias Symbols: MGC138448, NF-ATC, NFAT2, NFATc			
	Protein Interaction Partner: YWHAQ, OGT, PML, GZF1, FOXP3, HDAC4, PIAS1, SUMO1, UBE2I,			
	RPS6KB1, RPS6KA3, HDAC2, HDAC1, HNRNPA1, TUBA1A, KPNB1, HDAC5, KAT2B, EP300,			
	PARP1, HDAC3, PPP3R1, MAPK14, GNB2L1, PRKCA, SPI1, PIM1, EGR2, EGR1, Protein Size: 930			
Molecular Weight:	100 kDa			
Gene ID:	4772			
NCBI Accession:	NM_172387, NP_765975			
UniProt:	B5B2M5			
Pathways:	RTK Signaling, WNT Signaling, Fc-epsilon Receptor Signaling Pathway			
Application Details				
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.			
Comment:	Antigen size: 930 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.			

Handling

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



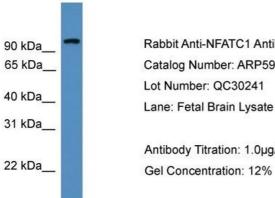
Western Blotting

Image 1. WB Suggested Anti-NFATC1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human brain



Rabbit Anti-NFATC1 Antibody Catalog Number: ARP59144 Lot Number: QC30241

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-NFATC1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Human brain