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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP59144_P050-FITC
Product Page	www.avivasysbio.com/nfatc1-antibody-n-terminal-region-fitc-arp59144-p050-fitc.html
Name	NFATC1 Antibody - N-terminal region : FITC (ARP59144_P050-FITC)
Protein Size (# AA)	930 amino acids
Molecular Weight	100kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	4772
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1
Alias Symbols	NFAT2, NFATc, NF-ATC, NF-ATc1.2
Peptide Sequence	Synthetic peptide located within the following region: PRHSPSTSPRASVTEESWLGARSSRPASPCNKRKYSLNGRQPPYSPHSP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	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;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-NFATC1 (ARP59144_P050-FITC) antibody
Blocking Peptide	For anti-NFATC1 (ARP59144_P050-FITC) antibody is Catalog# AAP59144
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NFATC1
Uniprot ID	B5B2M5
Protein Name	Nuclear factor of activated T-cells c1 isoform IB-IXL EMBL ACG55580.1
Protein Accession #	NP_765975
Purification	Affinity Purified
Nucleotide Accession #	NM_172387
Gene Symbol	NFATC1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 86%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 86%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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