

Datasheet for ABIN2613459

anti-NFATC3 antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	NFATC3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NFATC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	NFATC3 / NFAT4
Sequence:	HQELDAHEDD LQIN
Isotype:	IgG
Specificity:	This antibody is expected to recognize all four reported isoforms (NP_775188.1, NP_004546.1, NP_775186.1, NP_775187.1).
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

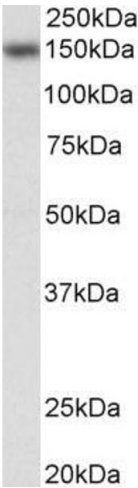
Target:	NFATC3
Alternative Name:	NFATC3 (NFATC3 Products)
Background:	NFATC3, nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3, NFAT4, NFATX, T cell transcription factor NFAT4, nuclear factor of activated T-cells c3 isoform IE-Xa, nuclear factor of activated T-cells, cytoplasmic 3
Gene ID:	4775
NCBI Accession:	NP_775188 , NP_004546 , NP_775186 , NP_775187
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Chromatin Binding

Application Details

Application Notes:	Western Blot: Approx 150 kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 116 kDa according to NP_775188.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.03-0.1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN2613459 (0.03µg/ml) staining of Jurkat nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.