



Datasheet for ABIN7138437
anti-NFAT5 antibody (pSer155)



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1 Image

Overview

Quantity:	100 µL
Target:	NFAT5
Binding Specificity:	pSer155
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFAT5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 155 (D-N-S(p)-R-M) derived from Human NFAT5/TonEBP.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	NFAT5
Alternative Name:	NFAT5 (NFAT5 Products)

Target Details

Background: Background: Transcription factor involved in the transcriptional regulation of osmoprotective and inflammatory genes. Regulates hypertonicity-induced cellular accumulation of osmolytes.
Aliases: Glutamine rich protein H65 antibody, KIAA0827 antibody, NF AT5 antibody, NF-AT5 antibody, NFAT 5 antibody, NFAT L1 antibody, NFAT like protein 1 antibody, NFAT5 antibody, NFAT5_HUMAN antibody, NFATL 1 antibody, NFATL1 antibody, NFATZ antibody, Nuclear factor of activated T cells 5 antibody, Nuclear factor of activated T cells 5 tonicity responsive antibody, Nuclear factor of activated T cells antibody, Nuclear factor of activated T-cells 5 antibody, OREBP antibody, Osmotic response element binding protein antibody, T cell transcription factor NFAT 5 antibody, T cell transcription factor NFAT5 antibody, T-cell transcription factor NFAT5 antibody, TonE binding protein antibody, TonE-binding protein antibody, TonEBP antibody, Tonicity responsive enhancer binding protein antibody, Tonicity-responsive enhancer-binding protein antibody

UniProt: [O94916](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

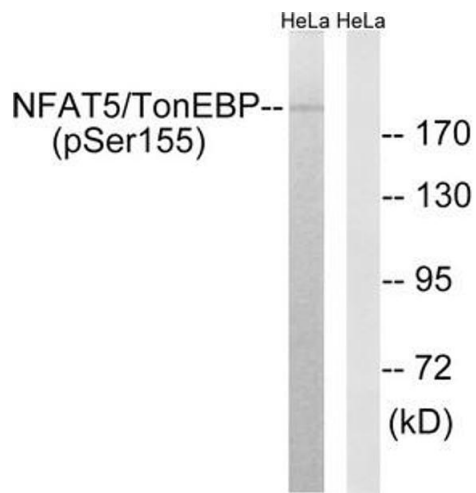
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells, treated with forskolin (40nM, 30 mins), using NFAT5/TonEBP (Phospho-Ser155) antibody. The lane on the right is treated with the synthesized peptide.