NFAT5/TonEBP (Phospho-Ser155) Antibody

Catalog No: #12146

Package Size: #12146-1 50ul #12146-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

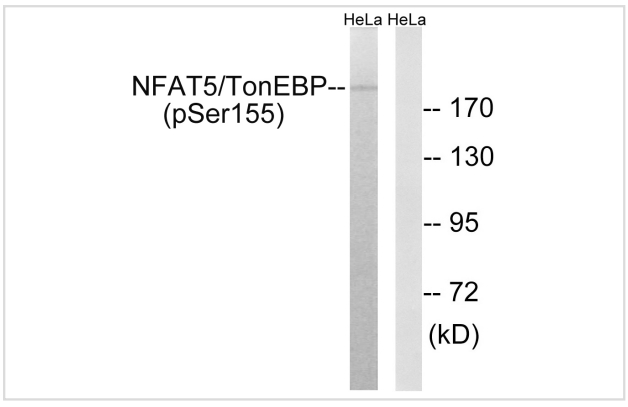
Description

Product Name	NFAT5/TonEBP (Phospho-Ser155) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of NFAT5/TonEBP only when phosphorylated at serine 155.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 155 (D-N-S(p)-R-M) derived from Human NFAT5/TonEBP.
Target Name	NFAT5/TonEBP
Modification	Phospho
Other Names	KIAA0827; NF-AT5; nuclear factor of activated T cells 5; T cell transcription factor NFAT5; TonE-binding protein; TonEBP; tonicity-responsive enhancer-binding protein
Accession No.	Swiss-Prot#:O94916;NCBI Gene#:10725
SDS-PAGE MW	200kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells, treated with forskolin (40nM, 30mins), using NFAT5/TonEBP (Phospho-Ser155) antibody #12146. The lane on the right is treated with the synthesized peptide.

Background

Transcription factor involved in the transcriptional regulation of osmoprotective and inflammatory genes. Regulates hypertonicity-induced cellular accumulation of osmolytes.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.