

NFAT5 rabbit monoclonal antibody

Catalog # H00010725-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NFAT5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NFAT5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NFAT5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NFAT5

Entrez GeneID [10725](#)

GeneBank Accession# [NFAT5](#)

Gene Name NFAT5

Gene Alias KIAA0827, NF-AT5, NFATL1, NFATZ, OREBP, TONEBP

Gene Description nuclear factor of activated T-cells 5, tonicity-responsive

Omim ID [604708](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is a member of the nuclear factors of activated T cells family of transcription factors. Proteins belonging to this family play a central role in inducible gene transcription during the immune response. This protein regulates gene expression induced by osmotic stress in mammalian cells. Unlike monomeric members of this protein family, this protein exists as a homodimer and forms stable dimers with DNA elements. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations NFAT-like protein 1|T cell transcription factor NFAT5|TonE-binding protein|glutamine rich protein H65|nuclear factor of activated T-cells 5|osmotic response element-binding protein|tonicity-responsive enhancer binding protein

Pathway

- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)