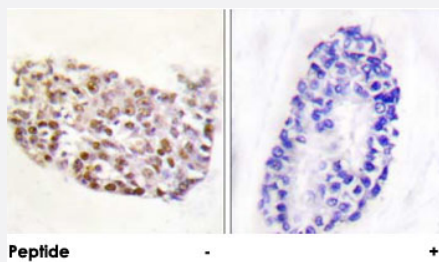


# NFAT5 polyclonal antibody

Catalog # PAB18438      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFAT5 polyclonal antibody (Cat # PAB18438).

Peptide "+" means "peptide blocking".

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NFAT5.
Immunogen	A synthetic peptide corresponding to amino acids 1190-1240 of human NFAT5.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to NFAT5.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFAT5 polyclonal antibody (Cat # PAB18438).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — NFAT5

**Entrez GeneID**[10725](#)**Protein Accession#**[O94916](#)**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](#)