

**FKBP3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2784a****Specification**

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**FKBP3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q00688](#)**FKBP3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2287**Other Names**

Peptidyl-prolyl cis-trans isomerase FKBP3, PPIase FKBP3, 25 kDa FK506-binding protein, 25 kDa FKBP, FKBP-25, FK506-binding protein 3, FKBP-3, Immunophilin FKBP25, Rapamycin-selective 25 kDa immunophilin, Rotamase, FKBP3, FKBP25

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2784a](/products/AP2784a) was selected from the N-term region of human FKBP3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FKBP3 Antibody (N-term) Blocking Peptide - Protein Information****Name** FKBP3**Synonyms** FKBP25**Function**

FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two distinct cytoplasmic signal transmission pathways. PPIases accelerate the folding of proteins.

**Cellular Location**

Nucleus.

## **FKBP3 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **FKBP3 Antibody (N-term) Blocking Peptide - Images**

## **FKBP3 Antibody (N-term) Blocking Peptide - Background**

FKBP3 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.

## **FKBP3 Antibody (N-term) Blocking Peptide - References**

Yang,W.M., EMBO J. 20 (17), 4814-4825 (2001)Jin,Y.J., Proc. Natl. Acad. Sci. U.S.A. 90 (16), 7769-7773 (1993)