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FKBP2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6730a

Specification

FKBP2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P26885

FKBP2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2286

Other Names
Peptidyl-prolyl cis-trans isomerase FKBP2, PPIase FKBP2, 13 kDa FK506-binding protein, 13 kDa FKBP, FKBP-13, FK506-binding protein 2, FKBP-2, Immunophilin FKBP13, Rotamase, FKBP2, FKBP13

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6730a was selected from the N-term region of human FKBP2. 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.

FKBP2 Antibody (N-term) Blocking Peptide - Protein Information

Name FKBP2

Synonyms FKBP13

Function
PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.

Cellular Location
Endoplasmic reticulum membrane; Peripheral membrane protein

Tissue Location
T-cells and thymus.

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FKBP2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

FKBP2 Antibody (N-term) Blocking Peptide - Images

FKBP2 Antibody (N-term) Blocking Peptide - Background

FKBP2 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. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds.

FKBP2 Antibody (N-term) Blocking Peptide - References

Padilla,P.I., Proc. Natl. Acad. Sci. U.S.A. 100 (5), 2322-2327 (2003)Bush,K.T., Biochem. J. 303 (PT 3), 705-708 (1994)