10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PPIB Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6687b

Specification

PPIB Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P23284

PPIB Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5479

Other Names
Peptidyl-prolyl cis-trans isomerase B, PPIase B, CYP-S1, Cyclophilin B, Rotamase B, S-cyclophilin, SCYLP, PPIB, CYPB

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6687b was selected from the C-term region of human PPIB. 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.

PPIB Antibody (C-term) Blocking Peptide - Protein Information

Name PPIB

Synonyms CYPB

Function
PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.

Cellular Location
Virion. Note=(Microbial infection)

PPIB Antibody (C-term) Blocking Peptide - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

- Blocking Peptides

PPIB Antibody (C-term) Blocking Peptide - Images

PPIB Antibody (C-term) Blocking Peptide - Background

PPIB is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression.

PPIB Antibody (C-term) Blocking Peptide - References

Fang,F., Am. J. Pathol. 174 (1), 297-308 (2009)Stumpf,T., J. Biol. Chem. 283 (26), 18086-18098 (2008)