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

PPAT Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2752b

Specification

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

Primary Accession Q06203

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

Gene ID 5471

Other Names
Amidophosphoribosyltransferase, ATase, Glutamine phosphoribosylpyrophosphate amidotransferase, GPAT, PPAT, GPAT

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2752b was selected from the C-term region of human PPAT. 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.

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

Name PPAT

Synonyms GPAT {ECO:0000303|PubMed:8106516}

Function
Catalyzes the formation of phosphoribosylamine from phosphoribosylpyrophosphate (PRPP) and glutamine.

Tissue Location
Ubiquitously expressed.

PPAT 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

PPAT Antibody (C-term) Blocking Peptide - Images

PPAT Antibody (C-term) Blocking Peptide - Background

PPAT is a member of the purine/pyrimidine phosphoribosyltransferase family. This protein is a regulatory allosteric enzyme that catalyzes the first step of de novo purine nucleotide biosynthesis.

PPAT Antibody (C-term) Blocking Peptide - References

Bera,A.K., J. Biol. Chem. 274 (51), 36498-36504 (1999)Stanley,W., Cytogenet. Cell Genet. 22 (1-6), 228-231 (1978)