

PPAT Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP2752c

Specification

PPAT Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q06203](#)

PPAT Antibody (Center) 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 [AP2752c](/products/AP2752c) was selected from the Center 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPAT Antibody (Center) Blocking Peptide - Images

PPAT Antibody (Center) 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 (Center) 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)