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

QPRT Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP14383b

Specification

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

Primary Accession Q15274

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

Gene ID 23475

Other Names
Nicotinate-nucleotide pyrophosphorylase [carboxylating], Quinolinate phosphoribosyltransferase [decarboxylating], QAPRTase, QPRTase, QPRT

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.

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

Name QPRT

Function
Involved in the catabolism of quinolinic acid (QA).

QPRT Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

QPRT Antibody (C-term) Blocking Peptide - Images

QPRT Antibody (C-term) Blocking Peptide - Background

This gene encodes a key enzyme in catabolism ofquinolinate, an intermediate in the tryptophan-nicotinamide adeninedinucleotide pathway. Quinolinate acts as a most potent endogenousexitotoxin to neurons. Elevation of quinolinate levels in the brainhas been linked to the pathogenesis of neurodegenerative disorderssuch as epilepsy, Alzheimer's disease, and

Huntington's disease.

QPRT Antibody (C-term) Blocking Peptide - References

Hinsch, N., et al. BMC Cancer 9, 93 (2009) :Liu, H., et al. J. Mol. Biol. 373(3):755-763(2007)Magni, G., et al. Cell. Mol. Life Sci. 61(1):19-34(2004)Fukuoka, S., et al. Adv. Exp. Med. Biol. 467, 611-614 (1999) :Fukuoka, S.I., et al. Biochim. Biophys. Acta 1395(2):192-201(1998)