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

GPT2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18028a

Specification

GPT2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8TD30

GPT2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 84706

Other Names
Alanine aminotransferase 2, ALT2, Glutamate pyruvate transaminase 2, GPT 2, Glutamic--alanine transaminase 2, Glutamic--pyruvic transaminase 2, GPT2, AAT2, ALT2

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.

GPT2 Antibody (N-term) Blocking Peptide - Protein Information

Name GPT2

Synonyms AAT2, ALT2

Function
Catalyzes the reversible transamination between alanine and 2-oxoglutarate to form pyruvate and glutamate.

Tissue Location
Expressed at high levels in muscle, adipose tissue, kidney and brain and at lower levels in the liver and breast

GPT2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GPT2 Antibody (N-term) Blocking Peptide - Images

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

GPT2 Antibody (N-term) Blocking Peptide - Background

GPT (MIM 138200) and GPT2 (EC 2.6.1.2), also known asalanine transaminases, are pyridoxal enzymes that catalyze thereversible transamination between alanine and 2-oxoglutarate toform pyruvate and glutamate. By mediating the conversion of these 4major intermediate metabolites, these transaminases have roles ingluconeogenesis and in amino acid metabolism.

GPT2 Antibody (N-term) Blocking Peptide - References

Glinghammar, B., et al. Int. J. Mol. Med. 23(5):621-631(2009)Fraser, A., et al. Hepatology 46(1):158-165(2007)Ding, Y., et al. World J. Gastroenterol. 12(43):7038-7041(2006)Martin, J., et al. Nature 432(7020):988-994(2004)Yang, R.Z., et al. Genomics 79(3):445-450(2002)