

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

GPT2 Antibody (N-term) Blocking Peptide - Background

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

GPT2 Antibody (N-term) Blocking Peptide - References

Gillinghammar, 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)