

GSTK1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9867c**Specification**

GSTK1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O9Y2Q3](#)**GSTK1 Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 373156

Other Names

Glutathione S-transferase kappa 1, GST 13-13, GST class-kappa, GSTK1-1, hGSTK1, Glutathione S-transferase subunit 13, GSTK1

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.

GSTK1 Antibody (Center) Blocking Peptide - Protein Information

Name GSTK1

FunctionGlutathione S-transferase that catalyzes the conjugation of glutathione to exogenous and endogenous compounds (PubMed: [14709161](http://www.uniprot.org/citations/14709161), PubMed: [14742434](http://www.uniprot.org/citations/14742434)). Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB) (PubMed: [14709161](http://www.uniprot.org/citations/14709161)).**Cellular Location**

Peroxisome.

Tissue Location

Ubiquitous..

GSTK1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GSTK1 Antibody (Center) Blocking Peptide - Images

GSTK1 Antibody (Center) Blocking Peptide - Background

GSTK1 encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.

GSTK1 Antibody (Center) Blocking Peptide - References

Santos, G.S., et al. Int. J. Mol. Med. 24(3):393-399(2009)Aydos, S.E., et al. Fertil. Steril. 92(2):541-547(2009)Gao, F., et al. Endocr. J. 56(3):487-494(2009)Katoh, T., et al. Pharmacogenomics 9(1):93-104(2008)Li, J., et al. Protein Sci. 14(9):2361-2369(2005)