

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

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**GSTK1 Antibody (Center) Blocking Peptide - Product Information**Primary 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

**Function**

Glutathione S-transferase that catalyzes the conjugation of glutathione to exogenous and endogenous compounds (PubMed:&lt;a href="http://www.uniprot.org/citations/14709161" target="\_blank"&gt;14709161&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/14742434" target="\_blank"&gt;14742434&lt;/a&gt;). Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB) (PubMed:&lt;a href="http://www.uniprot.org/citations/14709161" target="\_blank"&gt;14709161&lt;/a&gt;).

**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)