

GSTK1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21627a

Specification

GSTK1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y2Q3
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	25497

GSTK1 Antibody (N-term) - 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

Target/Specificity

This GSTK1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 49-82 amino acids from the N-terminal region of human GSTK1.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GSTK1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GSTK1 Antibody (N-term) - Protein Information

Name GSTK1

Function Glutathione S-transferase that catalyzes the conjugation of glutathione to exogenous and endogenous compounds (PubMed:[14709161](#), PubMed:[14742434](#)). Significant glutathione

conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB) (PubMed:[14709161](#)).

Cellular Location

Peroxisome.

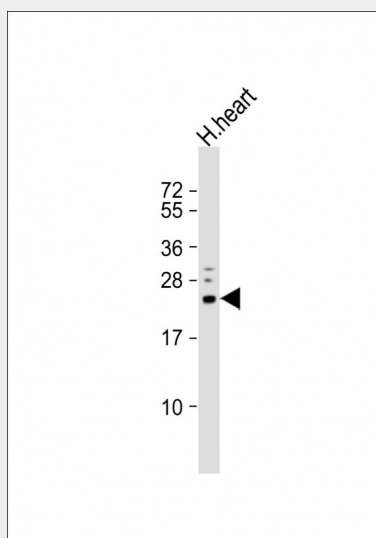
Tissue Location

Ubiquitous..

GSTK1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GSTK1 Antibody (N-term) - Images

Anti-GSTK1 Antibody (Nterm) at 1:2000 dilution + human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

GSTK1 Antibody (N-term) - Background

Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB).

GSTK1 Antibody (N-term) - References

Robinson A., et al. Biochem. J. 379:541-552(2004).
Morel F., et al. J. Biol. Chem. 279:16246-16253(2004).

Zhang Q.-H., et al. Genome Res. 10:1546-1560(2000).

Zhao Z., et al. Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.

Zhang M., et al. Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.