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GSTK1 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21627a

Product Information

Application	WB, E
Primary Accession	Q9Y2Q3
Reactivity	Human
Predicted	Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB48763
Calculated MW	25497

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~~1:1000 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.

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..

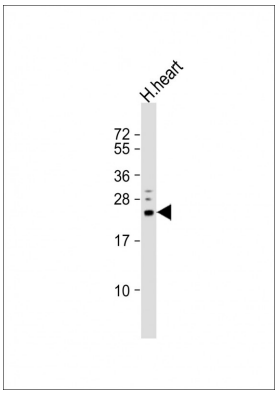
Background

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

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.