

Datasheet for ABIN1714825  
**anti-GSTK1 antibody (AA 9-80)**



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## Overview

Quantity:	100 µL
Target:	GSTK1
Binding Specificity:	AA 9-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTK1 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GSTK1/Glutathione S Transferase kappa 1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	GSTK1
Alternative Name:	GSTK1/Glutathione S Transferase kappa 1 ( <a href="#">GSTK1 Products</a> )

## Target Details

Background:	<p>Synonyms: EC 2.5.1.18, Glutathione S transferase subunit 13, Glutathione S-transferase k1, Glutathione S-transferase kappa 1, Glutathione S-transferase subunit 13, Glutathione S-transferase subunit 13 homolog, GST 13 13, GST 13-13, GST, GST class kappa, GST class-kappa, GST13, GST13-13, GSTK1 1, Gstk1, GSTK1-1, GSTK1_HUMAN, hGSTK1.</p> <p>Background: Members of the glutathione S-transferase (GST) family of proteins function in the detoxification of xenobiotics to protect cells against toxicant-induced damage. There are eight families of GST proteins, namely alpha, zeta, theta, kappa, mu, pi, sigma and omega, each of which are composed of proteins that have a variety of functions throughout the cell. GSTK1 (glutathione S-transferase kappa 1), also known as glutathione S-transferase subunit 13 (GST 13-13) or GSTK1-1, is a 226 amino acid ubiquitously expressed protein belonging to the kappa class of the GST superfamily that functions in cellular detoxification. Localizing to peroxisome, GSTK1 exists as a homodimer that catalyzes the conjugation of glutathione to a number of hydrophobic substrates leading to their removal from the cell.</p>
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Gene ID:	373156
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## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

## Handling

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Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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