

Datasheet for ABIN2786154
anti-GSTK1 antibody (N-Term)



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1 Image 1 Publication

Overview

Quantity:	100 µL
Target:	GSTK1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Guinea Pig, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GSTK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GSTK1
Sequence:	NLQLRPSLIT GIMKDSGNKP PGLLPKRGly MANDLKLLRH HLQIPIHFPK
Predicted Reactivity:	Dog: 86%, Guinea Pig: 85%, Horse: 93%, Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against GSTK1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GSTK1
Alternative Name:	GSTK1 (GSTK1 Products)

Target Details

Background:	<p>GSTK1 is a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. GSTK1 is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substates facilitating the removal of these compounds from cells.</p> <p>Alias Symbols: GST13, GST, hGSTK1, GSTK1-1, GST13-13, GST 13-13</p> <p>Protein Interaction Partner: GSTK1, FAM9B, CCNDBP1, UBC, NEDD8, PRPF19, PEX5, PIP4K2A, ITGA4, FN1, MINOS1, GRB2, HRNR, EPPK1, IPO4, CCAR2, XPO5, FANCI, DNAAF5, CYCS, KIAA1279, ATXN10, SEC63, LRPPRC, PDCD6IP, MATR3, EFTUD2, ZW10, TSC22D1, SLC3A2, RPN2, RPN1, HNRNPM, MCM7, IARS, HTR1B,</p> <p>Protein Size: 226</p>
Molecular Weight:	25 kDa
Gene ID:	373156
NCBI Accession:	NM_015917 , NP_057001
UniProt:	Q9Y2Q3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 226 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

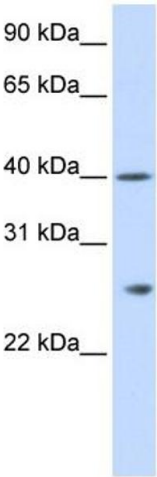
Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-GSTK1 Antibody Titration:
0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Liver