

Rabbit GSTK1 Antibody | anti-GSTK1 antibody

GSTK1 Polyclonal Antibody

CATALOG # AAA37498	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

GSTK1; GSTK1 Polyclonal Antibody; GST; GST 13-13; GST13; GST13-13; GSTK1-1; hGSTK1; anti-GSTK1 antibody

PRODUCT SPECIFICATIONS

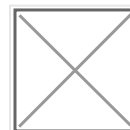
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-GSTK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species Reactivity/Cross-Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-226 of human GSTK1 (NP_057001.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



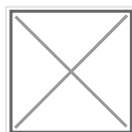
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using GSTK1 antibody (AAA37498) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



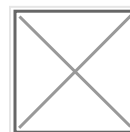
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid cancer using GSTK1 Rabbit pAb (AAA37498) at dilution of 1:25 (40x lens).



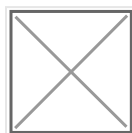
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using GSTK1 Rabbit pAb (AAA37498) at dilution of 1:25 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using GSTK1 Rabbit pAb (AAA37498) at dilution of 1:25 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GSTK1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTK1 antibody	This gene 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 substates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-GSTK1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643338
NCBI GeneID	373156
UniProt Accession #	Q9Y2Q3; Q6P4H0; Q7Z520; Q9P1S4; B4DIH1; B4DSY2
Molecular Weight	Observed MW: 25kDa Calculated MW: 20kDa/24kDa/25kDa/31kDa
NCBI Official Full Name	Glutathione S-transferase kappa 1
NCBI Official Synonym Full Names	glutathione S-transferase kappa 1
NCBI Official Symbol	GSTK1
NCBI Official Synonym Symbols	GST; GST13; hGSTK1; GSTK1-1; GST13-13; GST 13-13
NCBI Protein Information	glutathione S-transferase kappa 1; GST class-kappa; glutathione S-transferase k1; glutathione S-transferase subunit 13 homolog
UniProt Protein Name	Glutathione S-transferase kappa 1
UniProt Gene Name	GSTK1
UniProt Synonym Gene Names	hGSTK1
UniProt Entry Name	GSTK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.