

Rabbit GSTT1 Polyclonal Antibody | anti-GSTT1 antibody

GSTT1 antibody - C-terminal region

CATALOG # AAA199927	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

GSTT1; Polyclonal Antibody; GSTT1 antibody - C-terminal region; anti-GSTT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TW RQRVEAAVGE DLFQEAEVI LKAKDFPPAD PTIKQKLMPW VLAMIR
Sequence Length	240
Applicable Applications for anti-GSTT1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Rabbit: 79%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GSTT1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-GSTT1 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Immunohistochemistry with Lung lysate tissue

ADDITIONAL INFORMATION

Related Product Information for anti-GSTT1 antibody	This is a rabbit polyclonal antibody against GSTT1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Glutathione S-transferase (GST) theta 1 (GSTT1) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1 and GSTT2. The GSTT1 and GSTT2 share 55% amino acid sequence identity and both of them were claimed to have an important role in human carcinogenesis. Glutathione S-transferase (GST) theta 1 (GSTT1) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1 and GSTT2. The GSTT1 and GSTT2 share 55% amino acid sequence identity and both of them were claimed to have an important role in human carcinogenesis. The GSTT1 gene is located approximately 50kb away from the GSTT2 gene. The GSTT1 and GSTT2 genes have a similar structure, being composed of five exons with identical exon/intron boundaries. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-GSTT1 antibody	Polyclonal; Drugs and Drug Metabolism; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466164
NCBI GeneID	2952
NCBI Accession #	NP_000844
NCBI GenBank Nucleotide #	NM_000853
UniProt Accession #	P30711
Molecular Weight	27kDa
NCBI Official Full Name	glutathione S-transferase theta-1 isoform a
NCBI Official Synonym Full Names	glutathione S-transferase theta 1
NCBI Official Symbol	GSTT1
NCBI Protein Information	glutathione S-transferase theta-1
UniProt Protein Name	Glutathione S-transferase theta-1
UniProt Gene Name	GSTT1
UniProt Entry Name	GSTT1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gstt1-antibody-western-blot-immunohistochemistry-elisa/199927>