

Rabbit GSTA4 Polyclonal Antibody | anti-GSTA4 antibody

GSTA4 Antibody

CATALOG # AAA225219	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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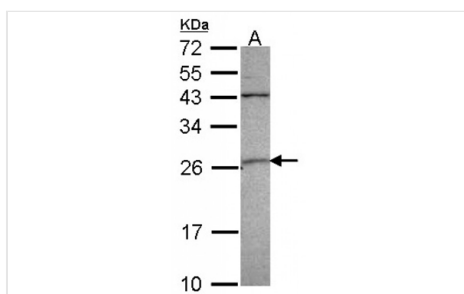
PRODUCT SYNONYMS

GSTA4; Polyclonal Antibody; GSTA4 Antibody; Affinity Purified Rabbit Polyclonal GSTA4 Antibody; Polyclonal GSTA4 antibody; Anti-GSTA4 antibody; glutathione S-aralkyltransferase A4 antibody; DKFZp686D21185 antibody; GTA4 antibody; glutathione S-transferase A4-4 antibody; glutathione S-alkyltransferase A4 antibody; GSTA 4 antibody; GSTA-4; GSTA 4; glutathione transferase A4-4 antibody; GSTA4 antibody; GSTA-4 antibody; GSTA4-4 antibody; GST class-alpha member 4 antibody; anti-GSTA4 antibody

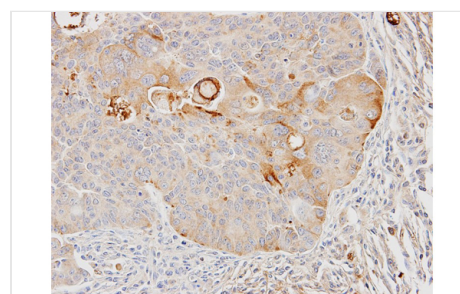
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	222
Applicable Applications for anti-GSTA4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	GSTA4 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 222 of GSTA4
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: 293T) using a 12% SDS PAGE gel and GSTA4 antibody at a dilution of 1:1000


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SW480 xenograft using GSTA4 antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA4 antibody	Cytosolic and membrane-bound forms of glutathione S-transferase are encoded by two distinct supergene families. These enzymes are involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. At present, eight distinct classes of the soluble cytoplasmic mammalian glutathione S-transferases have been identified: alpha, kappa, mu, omega, pi, sigma, theta and zeta. This gene encodes a glutathione S-transferase belonging to the alpha class. The alpha class genes, which are located in a cluster on chromosome 6, are highly related and encode enzymes with glutathione peroxidase activity that function in the detoxification of lipid peroxidation products.
Product Categories/Family for anti-GSTA4 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504173
NCBI GeneID	2941
NCBI GenBank Nucleotide #	NP_001503.1
UniProt Accession #	O15217
Molecular Weight	26 kDa
NCBI Official Full Name	glutathione S-transferase A4
NCBI Official Synonym Full Names	glutathione S-transferase alpha 4
NCBI Official Symbol	GSTA4
NCBI Official Synonym Symbols	GTA4; GSTA4-4
NCBI Protein Information	glutathione S-transferase A4
UniProt Protein Name	Glutathione S-transferase A4
UniProt Gene Name	GSTA4
UniProt Entry Name	GSTA4_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.