

Rabbit anti-Human GSTA4 Polyclonal Antibody | anti-GSTA4 antibody

GSTA4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323027	Rabbit	Human	Immunohistochemistry, Western Blot

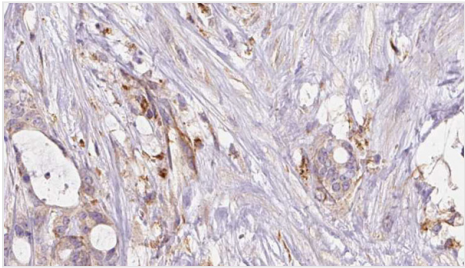
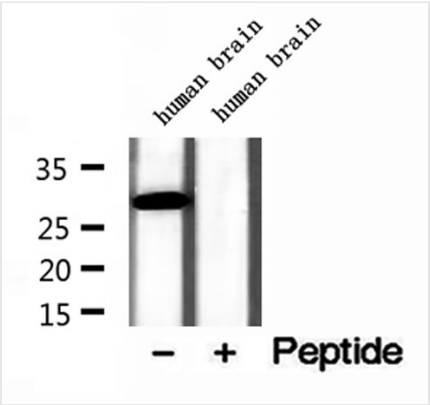
PRODUCT SYNONYMS

GSTA4; Polyclonal Antibody; GSTA4 Antibody; DKFZp686D21185; Glutathione S alkyltransferase A4; Glutathione S aralkyltransferase A4; Glutathione S aryltransferase A4; Glutathione S transferase A4 4; Glutathione S transferase A4; Glutathione S transferase alpha 4; Glutathione S-transferase A4; Glutathione S-transferase A4-4; Glutathione transferase A4 4; GST class alpha member 4; GST class-alpha member 4; GSTA4 4; GSTA4_HUMAN; GTA4; OTTHUMP00000016624; OTTHUMP00000016625; S (hydroxyalkyl)glutathione lyase A4; anti-GSTA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GSTA4 antibody detects endogenous levels of GSTA4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	222
Applicable Applications for anti-GSTA4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GSTA4.
Tissue Specificity	Expressed at a high level in brain, placenta, and skeletal muscle and much lower in lung and liver.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323027 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of human brain tissue, using GSTA4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTA4 antibody	Function: Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. This isozyme has a high catalytic efficiency with 4-hydroxyalkenals such as 4-hydroxynonenal (4-HNE). Subunit Structure: Homodimer. Similarity: Belongs to the GST superfamily. Alpha family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504173
NCBI GeneID	2941
NCBI Accession #	NP_001503.1
NCBI GenBank Nucleotide #	NM_001512.3
UniProt Accession #	O15217; Q5T7Q8; Q6P4G1; Q9BX18; Q9H414; B2RD15
Molecular Weight	Observed: 27 kDa Predicted: 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

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.