

Rabbit anti-Human GST A4 Polyclonal Antibody | anti-GST A4 antibody

GST A4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303255	Rabbit	Human	Immunohistochemistry, Western Blot

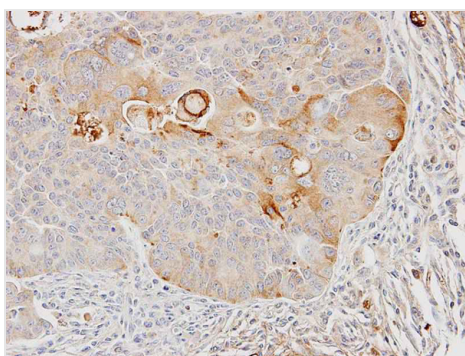
PRODUCT SYNONYMS

GST A4; Polyclonal Antibody; GST A4 antibody; DKFZp686D21185; GSTA4-4; GTA4; anti-GST A4 antibody

PRODUCT SPECIFICATIONS

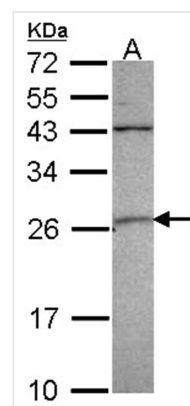
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	222
Applicable Applications for anti-GST A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 221 of GST A4
Target Name	GST A4
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using GSTA4 antibody at 1: 100 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: 293T 12% SDS PAGE GST A4 antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-GST A4 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. Reactive electrophiles produced by oxidative metabolism have been linked to a number of degenerative diseases including Parkinson's disease, Alzheimer's disease, cataract formation, and atherosclerosis. [provided by RefSeq]
Product Categories/Family for anti-GST A4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504173
NCBI GeneID	2941
NCBI Accession #	NP_001503
NCBI GenBank Nucleotide #	NM_001512.3
Molecular Weight	14,884 Da
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.