

GST A4 antibody

Catalog No: #22093

Package Size: #22093 100ul

Description

Product Name	GST A4 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu
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
Conjugates	Unconjugated
Target Name	GST A4
Other Names	DKFZp686D21185; GSTA4-4; GTA4
Accession No.	Swiss-Prot:O15217Gene ID:2941
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

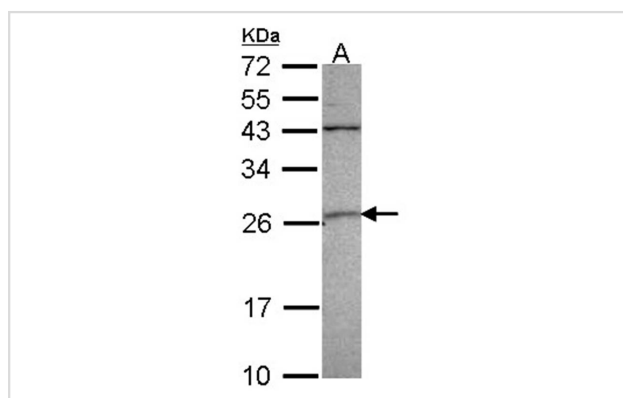
Application Details

Predicted MW: 26kd

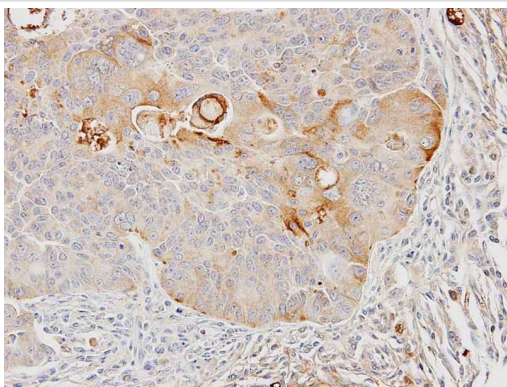
Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Images



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



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

Background

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]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.