

glutathione transferase antibody

Catalog No: #22923

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	glutathione transferase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 1 and 33 of glutathione transferase
Target Name	glutathione transferase
Accession No.	Swiss-Prot:P09211 Gene ID:2950
Uniprot	P09211
GeneID	2950;
Concentration	1mg/ml
Formulation	Supplied in 1XPBS, 1%BSA, 20% 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

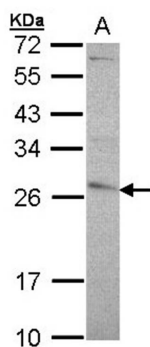
Predicted MW: 23kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

Images

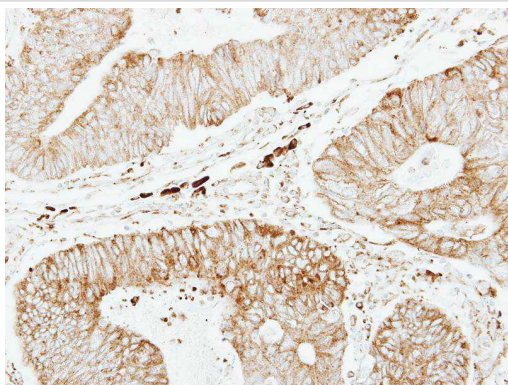


Sample (30 ug of whole cell lysate)

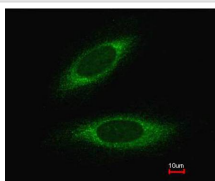
A: A431

12% SDS PAGE

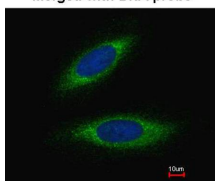
Primary antibody diluted at 1: 5000



Immunohistochemical analysis of paraffin-embedded Colon ca, using GSTP1 antibody at 1: 250 dilution.



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using glutathione transferase antibody at 1: 200 dilution.

Background

Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases. [provided by RefSeq]

Note: This product is for in vitro research use only