

For Research Use Only

GSTA4 Recombinant antibody

Catalog Number: 85954-2-RR



Basic Information

Catalog Number: 85954-2-RR	GenBank Accession Number: BC015523	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2941	CloneNo.: 250352E2
Source: Rabbit	UNIPROT ID: O15217	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: glutathione S-transferase alpha 4	
Immunogen Catalog Number: AG11028	Calculated MW: 222 aa, 27 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HuH-7 cells, HEK-293T cells, fetal human brain tissue
Species Specificity: human	

Background Information

GSTA4 (Glutathione S-Transferase Alpha 4) is an enzyme that plays a key role in detoxification and antioxidant defense. Its structure includes a GSH-binding site and a hydrophobic substrate-binding domain, functioning as a dimer. Dysregulation of GSTA4 is linked to diseases like cancer, neurodegeneration, and diabetes.

Storage

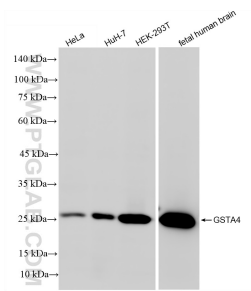
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

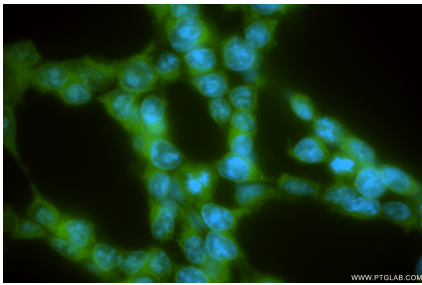
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

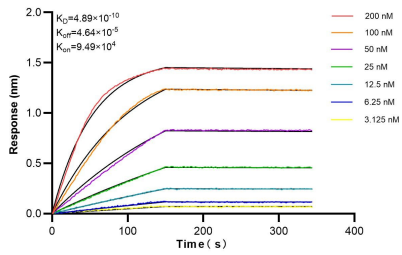
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85954-2-RR (GSTA4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using GSTA4 antibody (85954-2-RR, Clone: 250352E2) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 85954-2-RR against Human GSTA4 were performed. The affinity constant is 0.489 nM.