

For Research Use Only

GSTA1 Monoclonal antibody

Catalog Number: 66624-1-Ig **1 Publications**



Basic Information

Catalog Number: 66624-1-Ig	GenBank Accession Number: BC053578	Purification Method: Protein G purification
Size: 1500 µg/ml	GeneID (NCBI): 2938	CloneNo.: 1E1F4
Source: Mouse	UNIPROT ID: P08263	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:2500-1:10000 IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: glutathione S-transferase alpha 1	
Immunogen Catalog Number: AG6084	Calculated MW: 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications:
IF/ICC, IHC, WB, ELISA

Cited Applications:
WB

Species Specificity:
Human, mouse, rat, pig

Cited Species:
pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : pig liver tissue, human liver tissue, rat kidney tissue, mouse hepatocytes, human testis tissue, rat liver tissue, mouse liver tissue

IHC : human kidney tissue, human liver cancer tissue

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Haoxuan Ding	33683742	J Anim Physiol Anim Nutr (Berl)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

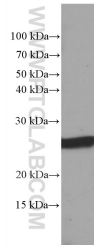
T: 4006900926

E: Proteintech-CN@ptglab.com

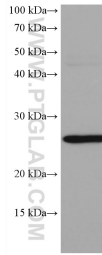
W: ptgcn.com

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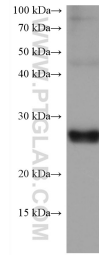
Selected Validation Data



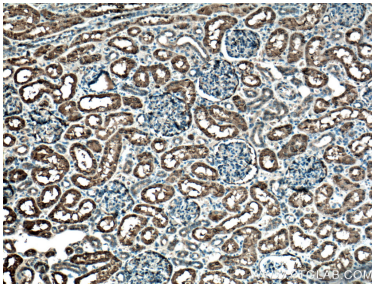
pig liver tissue were subjected to SDS PAGE followed by western blot with 66624-1-Ig (GSTA1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



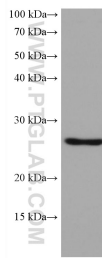
mouse liver tissue were subjected to SDS PAGE followed by western blot with 66624-1-Ig (GSTA1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



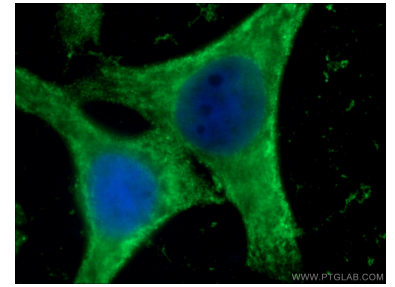
rat liver tissue were subjected to SDS PAGE followed by western blot with 66624-1-Ig (GSTA1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66624-1-Ig (GSTA1 antibody) at dilution of 1:5000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human testis tissue were subjected to SDS PAGE followed by western blot with 66624-1-Ig (GSTA1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 66624-1-Ig (GSTA1 antibody) at dilution of 1:200 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).