

For Research Use Only

GSTM5 Monoclonal antibody

Catalog Number: 68210-1-Ig **1 Publications**



Basic Information

Catalog Number: 68210-1-Ig	GenBank Accession Number: BC058881	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2949	CloneNo.: 2E5C2
Source: Mouse	UNIPROT ID: P46439	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: glutathione S-transferase mu 5	
Immunogen Catalog Number: AG6054	Calculated MW: 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rabbit brain tissue, pig liver tissue, rabbit liver tissue, rat brain tissue, mouse brain tissue, mouse liver tissue, mouse testis tissue
Cited Applications: WB	
Species Specificity: Human, mouse, rat, pig, rabbit	
Cited Species: human	

Background Information

GSTM5, Glutathione S-transferases, belongs to eukaryotic and prokaryotic phase II metabolic isozymes family. It can catalyze the conjugation of the reduced form of glutathione (GSH) to xenobiotic substrates for detoxification. GSTM5 undergo epigenetic repression in AMD (age-related macular degeneration) RPE/choroid, which may increase susceptibility to oxidative stress in AMD retinas (PMID: 22410570). GSTM5 was found in brain, lung and testis (PMID: 9230131).

Notable Publications

Author	Pubmed ID	Journal	Application
Chen Ke	38236327	Lasers Med Sci	WB

Storage

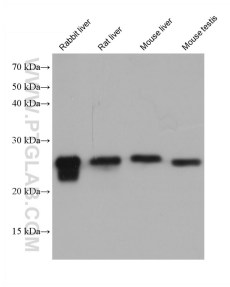
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

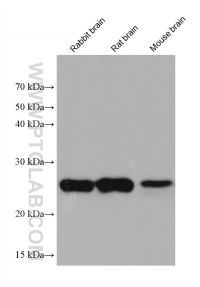
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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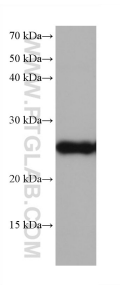
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68210-1-Ig (GSTM5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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pig liver tissue were subjected to SDS PAGE followed by western blot with 68210-1-Ig (GSTM5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.