

For Research Use Only

FMO1 Monoclonal antibody

Catalog Number: 61032-3-Ig



Basic Information

Catalog Number: 61032-3-Ig	GenBank Accession Number: NM_001282692	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2326	CloneNo.: 1B9G6
Source: Mouse	UNIPROT ID: Q01740	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG1	Full Name: flavin containing monooxygenase 1	
Immunogen Catalog Number: AG34286	Calculated MW: 60 kDa	
	Observed MW: 50-53 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

Positive Controls:
WB : pig liver tissue, pig kidney tissue, rabbit kidney tissue, Rabbit liver tissue, Rat liver tissue, Mouse liver tissue, Rat kidney tissue, Mouse kidney tissue

Background Information

Flavin-containing monooxygenase 1 (FMO1) belongs to the FMO family. FMO1 is an enzyme that catalyzes the oxygenation of a series of sulfur-containing and nitrogen-containing substrates, and thus is involved in a series of drugs and xenobiotics metabolism. FMO1 can regulate PPAR- α and mediate metabolic processes. FMO1 is expressed at relatively high levels in human fetal liver and also represents the major FMO enzyme in the adult human and rabbit intestine and kidney (PMID: 11809920, 30757917, 37553313). Human FMO1 has 2 isoforms with the molecular weights of 53 kDa and 60 kDa.

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

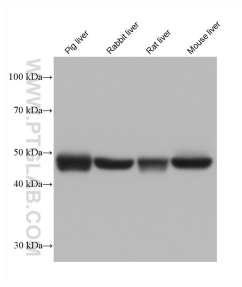
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

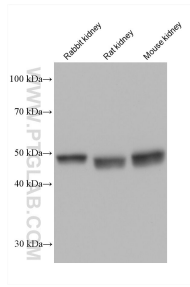
E: proteintech@ptglab.com
W: ptglab.com

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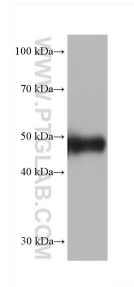
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 61032-3-Ig (FMO1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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pig kidney tissue were subjected to SDS PAGE followed by western blot with 61032-3-Ig (FMO1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.