

For Research Use Only

ALDOB Monoclonal antibody

Catalog Number: 68396-1-Ig



Basic Information

Catalog Number: 68396-1-Ig	GenBank Accession Number: BC029399	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 229	CloneNo.: 3D2E4
Source: Mouse	UNIPROT ID: P05062	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: aldolase B, fructose-bisphosphate	
Immunogen Catalog Number: AG12823	Calculated MW: 316 aa, 35 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat kidney tissue, human urine sample, rabbit liver tissue, rat liver tissue, mouse liver tissue, mouse kidney tissue
Species Specificity: Human, mouse, rat, rabbit	

Background Information

Fructose-1,6-bisphosphate aldolase is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Vertebrates have 3 aldolase isozymes, aldolase A (ALDOA), B (ALDOB), and C (ALDOC). Deficiency of this enzyme ALDOB causes an accumulation of fructose-1-phosphate after fructose intake, which results in toxic symptoms like vomiting, hypoglycemia, jaundice, elevated liver enzymes and hepatomegaly (PMID:22375183). This antibody may detect ALDOA.

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:

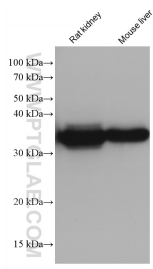
T: 4006900926

E: Proteintech-CN@ptglab.com

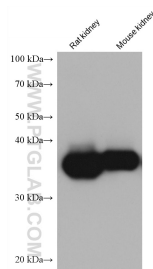
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68396-1-Ig (ALDOB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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