

For Research Use Only

ALDOB Monoclonal antibody, PBS Only



Catalog Number: 68396-1-PBS

Basic Information

| | | |
|---------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| Catalog Number: 68396-1-PBS | GenBank Accession Number: BC029399 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 229 | CloneNo.: 3D2E4 |
| Source: Mouse | UNIPROT ID: P05062 | |
| 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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

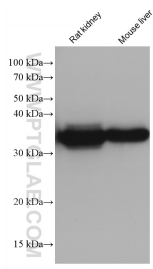
T: 4006900926

E: Proteintech-CN@ptglab.com

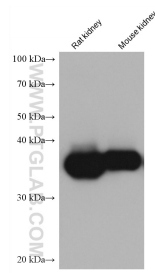
W: ptgcn.com

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 68396-1-Ig (ALDOB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68396-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 68396-1-PBS in a different storage buffer formulation.