Product Datasheet

# ALDOA Antibody

Catalog No: #31028

Package Size: #31028-1 50ul #31028-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | ALDOA Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Applications | ELISA WB |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous level of total ALDOA protein. |
| Immunogen Type | Recombinant protein |
| Immunogen Description | Fusion protein corresponding to C terminal 200 amino acids of human aldolase A, fructose-bisphosphate |
| Target Name | ALDOA |
| Other Names | Aldolase A, fructose-bisphosphate, ALDA; GSD12 |
| Accession No. | Swiss-Prot:P04075Gene ID:226; |
| Uniprot | P04075 |
| GeneID | 226; |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol. |
| Storage | Store at -20°C/1 year |

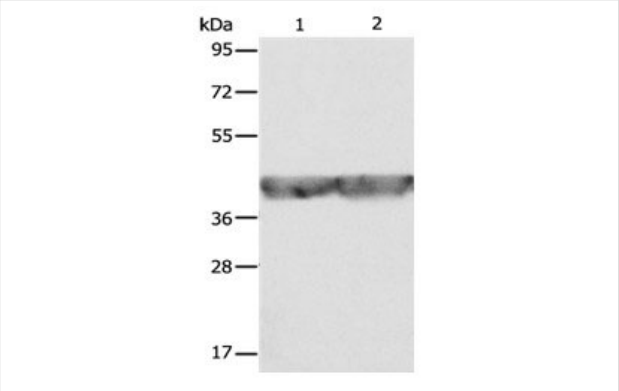
## Application Details

Predicted MW: 39kd

ELISA: 1:2000-1:5000

Western blotting: 1:500-1:2000

## Images




Gel: 10%SDS-PAGE
Lane1: A549 cell lysate
Lane2: Hela cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 3 seconds

## Background

The protein encoded by this gene, Aldolase A (fructose-bisphosphate aldolase), is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Three aldolase isozymes (A, B, and C), encoded by three

different genes, are differentially expressed during development. Aldolase A is found in the developing embryo and is produced in even greater amounts in adult muscle. Aldolase A expression is repressed in adult liver, kidney and intestine and similar to aldolase C levels in brain and other nervous tissue. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. Alternative splicing and alternative promoter usage results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 3 and 10.

Note: This product is for in vitro research use only