

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% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

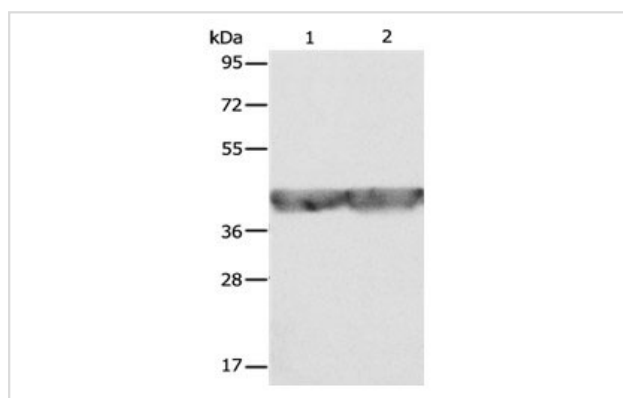
Application Details

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