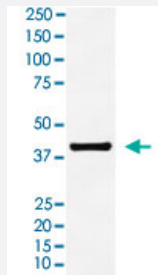


ALDOA monoclonal antibody, clone AEAB-1

Catalog # MAB22263 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human ALDOA.
Immunogen	A synthetic peptide corresponding to human ALDOA.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human ALDOA, in native form and recombinant. Superfamily members of ALDOA are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate.

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

Gene Info — ALDOA

Entrez GeneID [226](#)

Protein Accession# [P04075](#)

Gene Name ALDOA

Gene Alias ALDA, MGC10942, MGC17716, MGC17767

Gene Description aldolase A, fructose-bisphosphate

Omim ID [103850](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene product, 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 of this gene results in multiple transcript variants which encode the same protein. [provided by RefSeq]

Other Designations

aldolase A|fructose-1,6-bisphosphate triosephosphate-lyase|fructose-bisphosphate aldolase A

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Fructose and mannose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)