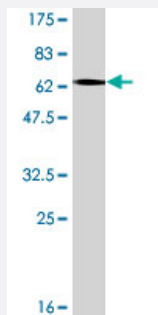


ALDOA polyclonal antibody (A01)

Catalog # H00000226-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (66.15 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant ALDOA.
Immunogen	ALDOA (AAH10660.1, 1 a.a. ~ 364 a.a) full-length recombinant protein with GST tag.
Sequence	MPYQYPALTPEQKKELSDIAHRIVAPGKGILAADESTGSIKRLQSIGTENTENRRFYRQLLLTADD RVNPCIGGVILFHETLYQKADDGRFPQVIKSKGGVVGKVDKGVVPLAGTNGETTTQGLDGLSER CAQYKKGADFAKWRCVLKIGEHTPSALAIMENANVLARYASICQQNGMPIVEPEILPDGDHDLK RCQYVTEKVLAAVYKALSDHHYLEGTLLKPNMVTTPGHACTQKFSHEEIAMATVTALRRTVPPAVT GITFLSGGQSEEEASINLNAINKCPLLKPWALTFSYGRALQASALKAWGGKKENLKAAQEEYVKR ALANSLACQGKYTPSGQAGAAASESLFVSNHAY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (66.15 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ALDOA

Entrez GeneID [226](#)

GeneBank Accession# [BC010660](#)

Protein Accession# [AAH10660.1](#)

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](#)