

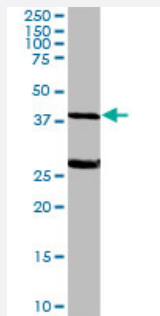
MaxPab®

ALDOA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000226-D01P

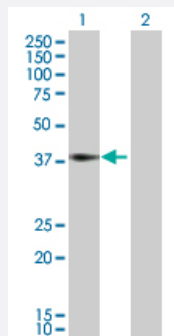
Size 100 ug

Applications



Western Blot (Tissue lysate)

ALDOA MaxPab rabbit polyclonal antibody. Western Blot analysis of ALDOA expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of ALDOA expression in transfected 293T cell line ([H00000226-T01](#)) by ALDOA MaxPab polyclonal antibody.

Lane 1: ALDOA transfected lysate(39.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ALDOA protein.

Immunogen

ALDOA (NP_000025.1, 1 a.a. ~ 364 a.a) full-length human protein.

Sequence

MPYQYPALTPEQKKELSDIAHRIVAPGKGILAADESTGSIKRLQSIGTENTEENRRFYRQLLLTADD
RVNPCIGGVILFHETLYQKADDGRFPQVIKSKGGVVGKVDKGVVPLAGTNGETTTQGLDGLSER
CAQYKKGADFAKWRCVLKIGEHTPSALAIMENANVLARYASICQQNGVPIVEPEILPDGDHDLK
RCQYVTEKVLAAVYKALSDHHYLEGTLKPNMVTTPGHACTQKFSHEEIAMATVTALRRTVPPAVT
GITFLSGGQSEEEASINLNAINKCPLLKPWALTFSYGRALQASALKAWGGKKENLAAQEEYVKR
ALANSLACQGKYTPSGQAGAAASESLFVSNHAY

Host

Rabbit

Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of ALDOA expression in transfected 293T cell line ([H00000226-T01](#)) by ALDOA MaxPab polyclonal antibody.

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Gene Info — ALDOA

Entrez GeneID	226
GeneBank Accession#	NM_000034.2
Protein Accession#	NP_000025.1
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](#)