

#### 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	MPYQYPALTPEQKKELSDIAHRIVAPGKGILAADESTGSIAKRLQSIGTENTEENRRFYRQLLLTADD RVNPCIGGVILFHETLYQKADDGRPFPQVIKSKGGVVGIKVDKGVVPLAGTNGETTTQGLDGLSER CAQYKKDGADFAKWRCVLKIGEHTPSALAIMENANVLARYASICQQNGIVPIVEPEILPDGDHDLK RCQYVTEKVLAAVYKALSDHHIYLEGTLLKPNMVTPGHACTQKFSHEEIAMATVTALRRTVPPAVT GITFLSGGQSEEEASINLNAINKCPLLKPWALTFSYGRALQASALKAWGGKKENLKAAQEEYVKR ALANSLACQGKYTPSGQAGAAASESLFVSNHAY
Host	Rabbit

# 😵 Abnova

### **Product Information**

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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Protocol Download

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Protocol Download

### Gene Info — ALDOA

Entrez GenelD	226
GeneBank Accession#	<u>NM_000034.2</u>
Protein Accession#	<u>NP_000025.1</u>
Gene Name	ALDOA
Gene Alias	ALDA, MGC10942, MGC17716, MGC17767
Gene Description	aldolase A, fructose-bisphosphate
Omim ID	<u>103850</u>
Gene Ontology	<u>Hyperlink</u>



### **Product Information**

Gene Summary	This gene product, Aldolase A (fructose-bisphosphate aldolase) is a glycolytic enzyme that cataly zes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and di hydroxyacetone phosphate. Three aldolase isozymes (A, B, and C), encoded by three different ge nes, are differentially expressed during development. Aldolase A is found in the developing embry o and is produced in even greater amounts in adult muscle. Aldolase A expression is repressed i n 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 spl icing of this gene results in multiple transcript variants which encode the same protein. [provided b y RefSeq
Other Designations	aldolase Alfructose-1,6-bisphosphate triosephosphate-lyaselfructose-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
- <u>Carbon fixation in photosynthetic organisms</u>
- Fructose and mannose metabolism
- <u>Glycolysis / Gluconeogenesis</u>
- Metabolic pathways
- Pentose phosphate pathway

#### Disease

- Autistic Disorder
- Genetic Predisposition to Disease