

Datasheet

ALDOA purified MaxPab mouse polyclonal antibody (B02P)

Catalog Number: H00000226-B02P

Regulation Status: For research use only (RUO)

Product Description: Mouse 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:

MPYQYPALTPEQKKELSDIAHRIVAPGKGILAADESTG
SIKRLQSIGTENTENRRFYRQLLLTADDRVNPCIGG
VILFHETLYQKADDGRFPQVIKSKGGVVGIVDKGVV
PLAGTNGETTTQGLDGLSERCAQYKKDGADFAKWRC
VLKIGEHTPSALAIMENANVLARYASICQNGIVPIVEP
EILPDGDHDLKRCQYVTEKVLAAVYKALSDHHIYLEGT
LLKPNMVTPGHACTQKFSHEEIAMATVTALRRTVPPAV
TGITFLSGGQSEEEASINLNAINKCPLLKPWALTFSYGR
ALQASALKAWGGKKENLKAAQEEYVKRALANSLACQ
GKYTPSGQAGAAASESLFVSNHAY

Host: Mouse

Reactivity: Human

Applications: Det Ab, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 226

Gene Symbol: ALDOA

Gene Alias: ALDA, MGC10942, MGC17716, MGC17767

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]