9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

ALDOA polyclonal antibody (A01)

Catalog Number: H00000226-A01

Regulation Status: For research use only (RUO)

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:
MPYQYPALTPEQKKELSDIAHRIVAPGKGILAADESTG
SIAKRLQSIGTENTEENRRFYRQLLLTADDRVNPCIGG
VILFHETLYQKADDGRPFPQVIKSKGGVVGIKVDKGVV
PLAGTNGETTTQGLDGLSERCAQYKKDGADFAKWRC
VLKIGEHTPSALAIMENANVLARYASICQQNGIVPIVEP
EILPDGDHDLKRCQYVTEKVLAAVYKALSDHHIYLEGT
LLKPNMVTPGHACTQKFSHEEIAMATVTALRRTVPPAV
TGITFLSGGQSEEEASINLNAINKCPLLKPWALTFSYGR
ALQASALKAWGGKKENLKAAQEEYVKRALANSLACQ
GKYTPSGQAGAAASESLFVSNHAY

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re
(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: 50 % glycerol

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]