

Mouse anti-Human Aldolase C Monoclonal Antibody | anti-ALDOC antibody

Aldolase C Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA102678	Mouse	Human	Immunohistochemistry, Immunofluorescence, Western Blot, ELISA

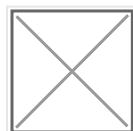
PRODUCT SYNONYMS

Aldolase C; Monoclonal Antibody; Aldolase C Mouse Monoclonal; ALDOC; Brain type aldolase; Fructose bisphosphate aldolase C; anti-ALDOC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	≥95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3,
Sequence Length	364
Applicable Applications for anti-ALDOC antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Aldolase C, fructose-bisphosphate
Preparation and Storage	Store at -20 degree C. (Avoid repeated freeze / thaw cycles.)

IMAGES


WB (Western Blot)

human heart tissue were subjected to SDS PAGE followed by western blot with AAA102678 (ALDOC antibody) at dilution of 1:10000


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue slide using AAA102678 (ALDOC Antibody) at dilution of 1:200 . heat mediated antigen retrieved with Tris-EDTA buffer (pH9) .

ADDITIONAL INFORMATION

Related Product Information for anti-ALDOC antibody

Background: Fructose-bisphosphate aldolase C(ALDOC) reversibly cleaves FBP and F1-P to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate and is strongly expressed in mammalian brain together with ALDOA and is also present in the heart and spleen of some species (PMID:9363598). It is involved in glycolysis as an important enzyme. Phospholipase D2 and inositol 1,4,5-triphosphate interact with ALDOC in signal transduction. Meanwhile, the protein expression of ALDOC has been reported to be regulated in brain tumor, hepatomas, and lung cancer (PMID:21548097).

NCBI AND UNIPROT INFORMATION

NCBI GI #	3005698
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NCBI GeneID	230
Molecular Weight	39 kDa
NCBI Official Full Name	aldolase C
NCBI Official Synonym Full Names	aldolase, fructose-bisphosphate C
NCBI Official Symbol	ALDOC
NCBI Official Synonym Symbols	ALDC
NCBI Protein Information	fructose-bisphosphate aldolase C
UniProt Protein Name	Fructose-bisphosphate aldolase C
UniProt Gene Name	ALDOC
UniProt Synonym Gene Names	ALDC
UniProt Entry Name	ALDOC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/aldolase-c-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/102678>