

Rabbit anti-Human, Mouse ALDOA Polyclonal Antibody | anti-ALDOA antibody

ALDOA Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37100	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

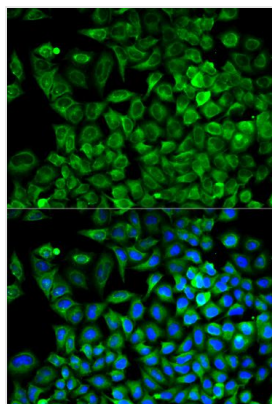
PRODUCT SYNONYMS

ALDOA; Polyclonal Antibody; ALDOA Polyclonal Antibody; ALDA; MGC10942; MGC17716; MGC17767; anti-ALDOA antibody

PRODUCT SPECIFICATIONS

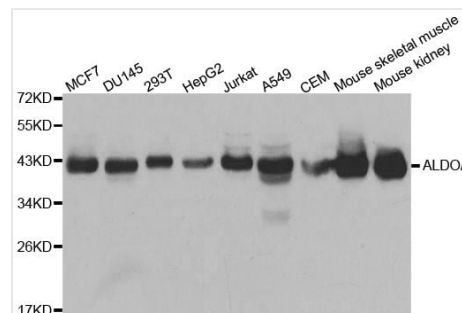
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-ALDOA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ALDOA
Calculated Molecular Weight	39kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using ALDOA antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALDOA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 2s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDOA antibody	Aldolase (fructose biphosphate aldolase), a glycolytic enzyme, catalyzes the conversion of fructose 1, 6-bisphosphate to 3-phosphoglyceraldehyde. This ubiquitous enzyme is present as three different isozymes: aldolase A, aldolase B, and aldolase C. Studies suggest the potential value of quantitative analysis of aldolase A for hepatocarcinoma (1). Furthermore, the change in aldolase B gene expression levels has also been observed in certain patients with this primary tumor (2,3).
Product Categories/Family for anti-ALDOA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	113606
NCBI GeneID	226
UniProt Accession #	P04075; Q6FH76; Q6FI10; Q96B15; Q9BWD9; Q9UCN2; B4DXI7
Molecular Weight	364
NCBI Official Full Name	Fructose-bisphosphate aldolase A
NCBI Official Synonym Full Names	aldolase A, fructose-bisphosphate
NCBI Official Symbol	ALDOA
NCBI Official Synonym Symbols	ALDA; GSD12; HEL-S-87p
NCBI Protein Information	fructose-bisphosphate aldolase A; muscle-type aldolase; lung cancer antigen NY-LU-1; fructose-1,6-bisphosphate triosephosphate-lyase; epididymis secretory sperm binding protein Li 87p
UniProt Protein Name	Fructose-bisphosphate aldolase A
UniProt Gene Name	ALDOA
UniProt Synonym Gene Names	ALDA
UniProt Entry Name	ALDOA_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/polyclonal/aldoa-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37100>