

ALDOA recombinant antibody

ALDOA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243923	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

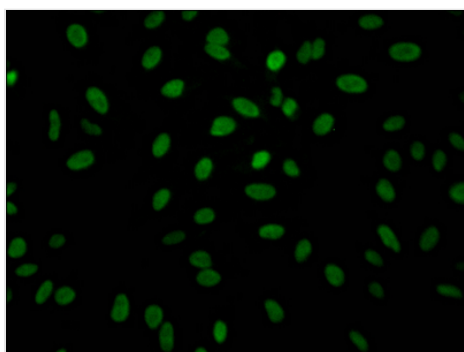
PRODUCT SYNONYMS

ALDOA; Monoclonal Recombinant Antibody; ALDOA Antibody; Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Lung cancer antigen NY-LU-1) (Muscle-type aldolase); ALDA; ALDOA recombinant antibody

PRODUCT SPECIFICATIONS

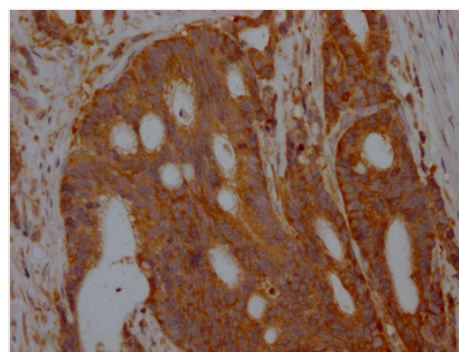
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	7D8
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for ALDOA recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human Aldolase
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



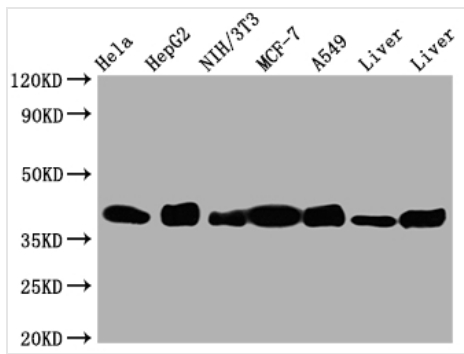
IF (Immunofluorescence)

Immunofluorescence staining of HeLa Cells at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, HepG2 whole cell lysate, NIH/3T3 whole cell lysate, A549 whole cell lysate, Mouse Liver whole cell lysate, Rat Liver whole cell lysate. All lanes: Aldolase antibody at 1:1000. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 40, 46 kDa. Observed band size: 40 kDa.

ADDITIONAL INFORMATION

Related Product Information for ALDOA recombinant antibody	Plays a key role in glycolysis and gluconeogenesis. In addition, may also function as scaffolding protein (By similarity).
Product Categories/Family for ALDOA recombinant antibody	Cancer ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557305
NCBI GeneID	226
NCBI Accession #	NP_000025.1
NCBI GenBank Nucleotide #	NM_000034.3
UniProt Accession #	P04075; Q6FH76; Q6FI10; Q96B15; Q9BWD9; Q9UCN2; B4DXI7
Molecular Weight	39,420 Da
NCBI Official Full Name	fructose-bisphosphate aldolase A isoform 1
NCBI Official Synonym Full Names	aldolase A, fructose-bisphosphate
NCBI Official Symbol	ALDOA
NCBI Official Synonym Symbols	ALDA; GSD12
NCBI Protein Information	fructose-bisphosphate aldolase A; muscle-type aldolase; lung cancer antigen NY-LU-1; fructose-1,6-bisphosphate triosephosphate-lyase
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/monoclonal/aldoa-recombinant-antibody-clone-7d8-immunofluorescence-immunohistochemistry-western-blot-elisa/243923>