

Aldolase A (ALDOA) Antibody (CT)

ALTERNATE NAMES:	ALDOA; ALDA; Fructose-bisphosphate aldolase A; Lung cancer antigen NY-LU-1; Muscle-type aldolase.
CATALOG #:	6754-100
AMOUNT:	100 µl
HOST/ISOTYPE:	Rabbit IgG
IMMUNOGEN:	This ALDOA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-331 amino acids from the C-terminal region of human ALDOA.
PURIFICATION:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
MOLECULAR WEIGHT:	~39.42 kDa
FORM:	Liquid
FORMULATION:	Supplied in PBS with 0.09% (W/V) sodium azide.
SPECIES REACTIVITY:	Human and mouse. Predicted cross reactivity with rabbit samples.

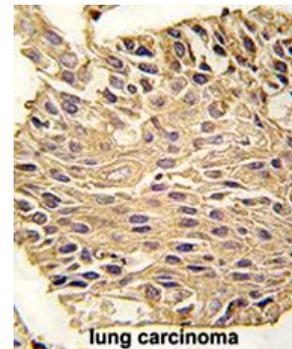
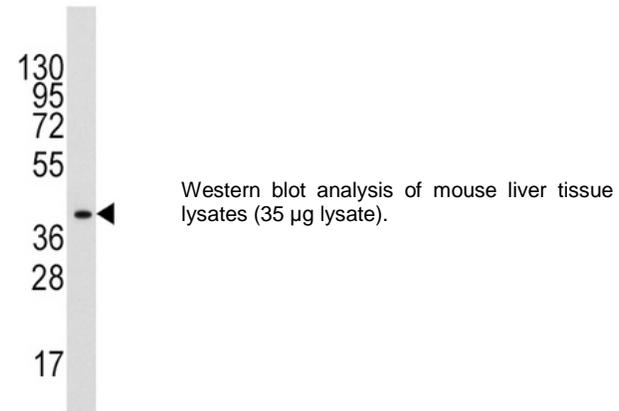
STORAGE CONDITIONS: Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

DESCRIPTION: Fructose bisphosphate aldolase A, also known as Aldolase A is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. It 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. Deficiency has been associated with myopathy and hemolytic anemia. Recombinant human Aldolase A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

APPLICATION: Western blot: ~1:1000, IHC: ~1:10-1:50.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

FOR RESEARCH USE ONLY! Not to be used on humans.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with ALDOA antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

RELATED PRODUCTS:

- Aldolase A, human recombinant (**Cat. No. 7359-100**)
- ALDOA Antibody (NT) (**Cat. No. 6753-100**)
- ALDOC Antibody (CT) (Clone 859CT9.5.3) (**Cat. No. 6755-100**)
- ALDOC Antibody (CT) (**Cat. No. 6756-100**)
- ALDOC Antibody (NT) (**Cat. No. 6757-100**)
- Aldolase Activity Colorimetric Assay Kit (**Cat. No. K665-100**)