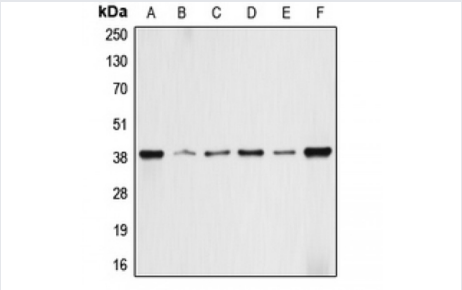
ALDOA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ALDOA, Polyclonal Antibody
Full Product Name	ALDOA Antibody
Product Gene Name	anti-ALDOA antibody
Product Synonym Names	Purified Polyclonal ALDOA Antibody; Polyclonal ALDOA antibody; Anti-ALDOA antibody; ALDA antibody; Fructose-bisphosphate aldolase A antibody; Lung cancer antigen NY-LU-1 antibody; Muscle-type aldolase antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Purity/Purification	Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of ALDOA protein
Preparation and Storage	Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles.
Immunogen	ALDOA antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ALDOA as the immunogen
Cross-Reactivity	Mouse, Rat, Dog, Rabbit
Product Categories/Family for anti-ALDOA antibody	Cell Biology
Applications Tested/Suitable for anti-ALDOA antibody	Western Blot (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-ALDOA antibody	WB: 1:500-1:1000 IF: 1:100-1:500 ICC: 1:100-1:500 IP: 1:10-1:100
Related Product Information for anti-ALDOA antibody	ALDOA plays a key role in glycolysis and gluconeogenesis. In addition, may also function as scaffolding protein.
Other Notes	Small volumes of anti-ALDOA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ALDOA purchase	MBS5313983 is an antibody targeting ALDOA. Also known as ALDOA Antibody. Host: Rabbit.



Western Blot (WB) of anti-ALDOA antibody
Western blot analysis of ALDOA expression in HEK293T (A); HepG2 (B); HeLa (C); NIH3T3 (D); PC12 (E); rat skeletal muscle (F) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ALDOA. It may not necessarily be applicable to this product.

NCBI GI #	49456715
NCBI GeneID	226
UniProt Related Accession #	P04075
NCBI Official Full Name	ALDOA, partial
NCBI Official Synonym Full Names	aldolase, fructose-bisphosphate A
NCBI Official Symbol	ALDOA
NCBI Official Synonym Symbols	ALDA; GSD12; HEL-S-87p
Protein Family	Fructose-bisphosphate aldolase
NCBI Protein Information	fructose-bisphosphate aldolase A
NCBI Summary for ALDOA	This gene encodes a member of the class I fructose-bisphosphate aldolase protein family. The encoded protein 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. Mutations in this gene have been associated with Glycogen Storage Disease XII, an autosomal recessive disorder associated with hemolytic anemia. Disruption of this gene also plays a role in the progression of multiple types of cancers. Related pseudogenes have been identified on chromosomes 3 and 10. [provided by RefSeq, Sep 2017]
Research Articles on ALDOA	**1.** we detected ALDOA somatic promoter mutations in two cases
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