

Rabbit ALDOB Polyclonal Antibody | anti-ALDOB antibody

ALDOB Antibody

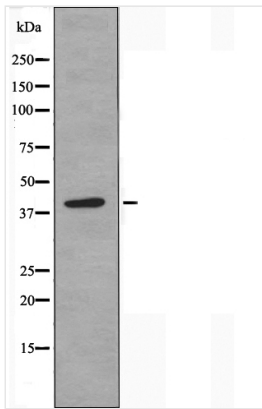
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324731	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

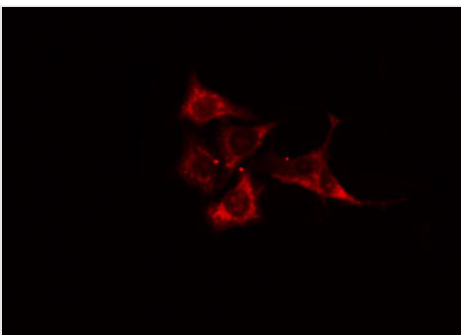
ALDOB; Polyclonal Antibody; ALDOB Antibody; ALDB; ALDO B; ALDO2; ALDOB_HUMAN; Aldolase 2; Aldolase B; Aldolase B fructose bisphosphate; Aldolase2; AldolaseB; EC 4.1.2.13; Fructose bisphosphate aldolase B; Fructose-bisphosphate aldolase B; Liver type aldolase; Liver-type aldolase; MS1077; anti-ALDOB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ALDOB antibody detects endogenous levels of total ALDOB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-ALDOB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoskeleton
Predicted Cross Reactivity	Bovine, Horse, Rabbit, Dog
Similarity	Bovine (83%), Horse (83%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from MCF-7 cells using ALDOB antibody.



IF (Immunofluorescence)
AAA324731 staining MCF7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDOB antibody	Function: In vertebrates, 3 forms of this ubiquitous glycolytic enzyme are found, aldolase A in muscle, aldolase B in liver and aldolase C in brain. Subunit Structure: Homotetramer. Interacts with BBS1, BBS2, BBS4 and BBS7. Similarity: Belongs to the class I fructose-bisphosphate aldolase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40354205
NCBI GeneID	229
NCBI Accession #	NP_000026.2
NCBI GenBank Nucleotide #	NM_000035.4
UniProt Accession #	P05062; Q13741; Q13742; Q5T7D6
Molecular Weight	Observed: 39 kD Predicted: 40 kDa
NCBI Official Full Name	fructose-bisphosphate aldolase B
NCBI Official Synonym Full Names	aldolase, fructose-bisphosphate B
NCBI Official Symbol	ALDOB
NCBI Official Synonym Symbols	ALDB; ALDO2
NCBI Protein Information	fructose-bisphosphate aldolase B
UniProt Protein Name	Fructose-bisphosphate aldolase B
UniProt Gene Name	ALDOB
UniProt Synonym Gene Names	ALDB

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.