

Rabbit ALDOB Polyclonal Antibody | anti-ALDOB antibody

ALDOB Polyclonal Antibody

CATALOG # AAA37463	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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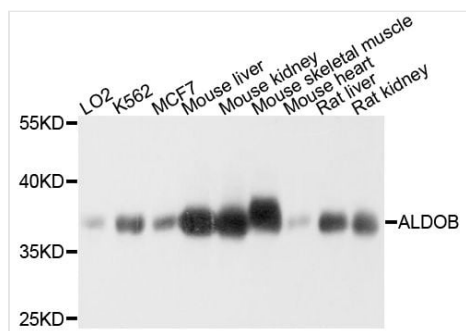
PRODUCT SYNONYMS

ALDOB; Polyclonal Antibody; ALDOB Polyclonal Antibody; ALDB; ALDO2; fructose-bisphosphate aldolase B; anti-ALDOB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	364
Applicable Applications for anti-ALDOB antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human ALDOB (NP_000026.2).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALDOB 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: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDOB antibody	Fructose-1,6-bisphosphate aldolase (EC 4.1.2.13) is a tetrameric glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Vertebrates have 3 aldolase isozymes which are distinguished by their electrophoretic and catalytic properties. Differences indicate that aldolases A, B, and C are distinct proteins, the products of a family of related 'housekeeping' genes exhibiting developmentally regulated expression of the different isozymes. The developing embryo produces aldolase A, which is produced in even greater amounts in adult muscle where it can be as much as 5% of total cellular protein. In adult liver, kidney and intestine, aldolase A expression is repressed and aldolase B is produced. In brain and other nervous tissue, aldolase A and C are expressed about equally. There is a high degree of homology between aldolase A and C. Defects in ALDOB cause hereditary fructose intolerance.
Product Categories/Family for anti-ALDOB antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	113611
NCBI GeneID	229
UniProt Accession #	P05062; Q13741; Q13742; Q5T7D6
Molecular Weight	Calculated MW: 39kDa Observed MW: 39kDa
NCBI Official Full Name	Fructose-bisphosphate aldolase B
NCBI Official Synonym Full Names	aldolase B, fructose-bisphosphate
NCBI Official Symbol	ALDOB
NCBI Official Synonym Symbols	ALDB; ALDO2
NCBI Protein Information	fructose-bisphosphate aldolase B; aldolase 2; liver-type aldolase; aldolase B, fructose-bisphosphatase
UniProt Protein Name	Fructose-bisphosphate aldolase B
UniProt Gene Name	ALDOB
UniProt Synonym Gene Names	ALDB
UniProt Entry Name	ALDOB_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/aldob-antibody-western-blot-elisa/37463>