

Rabbit ALDOB Polyclonal Antibody | anti-ALDOB antibody

ALDOB Polyclonal Antibody

CATALOG # AAA167928	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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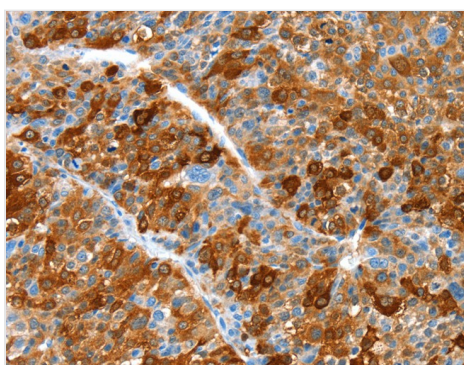
PRODUCT SYNONYMS

ALDOB; Polyclonal Antibody; ALDOB Polyclonal Antibody; ALDB; ALDO2; anti-ALDOB antibody

PRODUCT SPECIFICATIONS

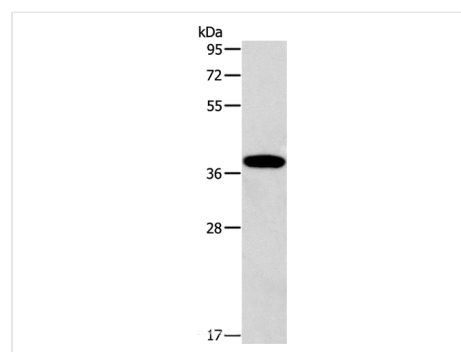
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	316
Applicable Applications for anti-ALDOB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human ALDOB
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ALDOB Polyclonal Antibody at dilution of 1:55



WB (Western Blot)

Western Blot analysis of Human fetal liver tissue using ALDOB Polyclonal Antibody at dilution of 1:260

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	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	20809495
NCBI GeneID	229
Molecular Weight	39,473 Da
NCBI Official Full Name	ALDOB protein
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; aldolase B, fructose-bisphosphatase; liver-type aldolase
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-immunohistochemistry-western-blot-elisa/167928>