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anti-ALDOA antibody

3 Images



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Overview

Quantity:	200 μL
Target:	ALDOA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALDOA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human ALDOA
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ALDOA
Alternative Name:	ALDOA (ALDOA Products)
Background:	The protein encoded by this gene, Aldolase A (fructose-bisphosphate aldolase), 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. Aldolase A is found in

Target Details

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. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. Alternative splicing and alternative promoter usage results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 3 and 10.

Molecular Weight:

39 kDa

UniProt:

P04075

Pathways:

Ribonucleoside Biosynthetic Process

Application Details

Application Notes:

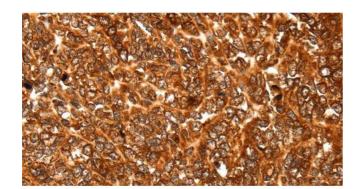
WB 1:500-1:2000, IHC 1:50-1:200

Restrictions:

For Research Use only

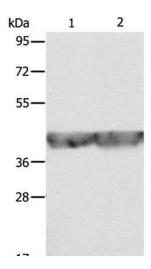
Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



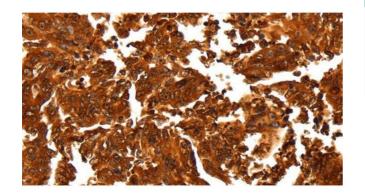
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian cancer using ALDOA Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of A549 and hela cell using ALDOA Polyclonal Antibody at dilution of 1:500



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human gastic cancer using ALDOA Polyclonal Antibody at dilution of 1:30