

# ALDOA Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50972

## Product Information

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Application	WB
Primary Accession	<a href="#">P04075</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39420

## Additional Information

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Gene ID	226
Other Names	Fructose-bisphosphate aldolase A, Lung cancer antigen NY-LU-1, Muscle-type aldolase, ALDOA, ALDA
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ALDOA. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	ALDOA ( <a href="#">HGNC:414</a> )
Synonyms	ALDA
Function	Catalyzes the reversible conversion of beta-D-fructose 1,6- bisphosphate (FBP) into two triose phosphate and plays a key role in glycolysis and gluconeogenesis (PubMed: <a href="#">14766013</a> ). In addition, may also function as scaffolding protein (By similarity).
Cellular Location	Cytoplasm, myofibril, sarcomere, I band {ECO:0000250 UniProtKB:P00883}. Cytoplasm, myofibril, sarcomere, M line {ECO:0000250 UniProtKB:P00883}. Note=In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca(2+) {ECO:0000250 UniProtKB:P00883}

## Background

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## References

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Sakakibara M.,et al.Biochem. Biophys. Res. Commun. 131:413-420(1985).

Izzo P.,et al.Eur. J. Biochem. 164:9-13(1987).

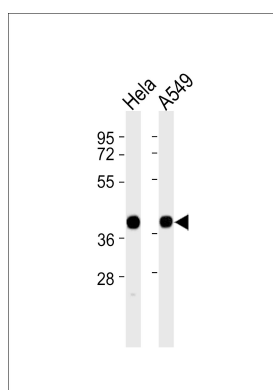
Izzo P.,et al.Eur. J. Biochem. 174:569-578(1988).

Mukai T.,et al.Eur. J. Biochem. 195:781-787(1991).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images

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All lanes : Anti-ALDOA Antibody at 1:1000 dilution Lane 1: HeLa whole cell lysates Lane 2: A549 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 39 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.