

**Product Name: ALDOA Rabbit Monoclonal Antibody**  
**Catalog #: AMRe04054**



## Summary

<b>Production Name</b>	ALDOA Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	ALDOA
<b>Alternative Names</b>	ALDOA; ALDA; Fructose-bisphosphate aldolase A; Lung cancer antigen NY-LU-1; Muscle-type aldolase
<b>Gene ID</b>	226
<b>SwissProt ID</b>	P04075

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
<b>Molecular Weight</b>	Calculated MW: 39 kDa; Observed MW: 39 kDa

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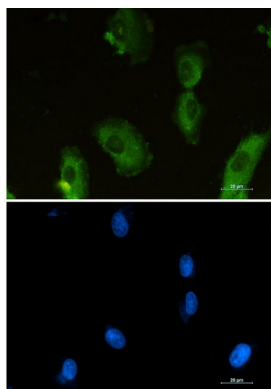
## Background

Plays a key role in glycolysis and gluconeogenesis. In addition, may also function as scaffolding protein.

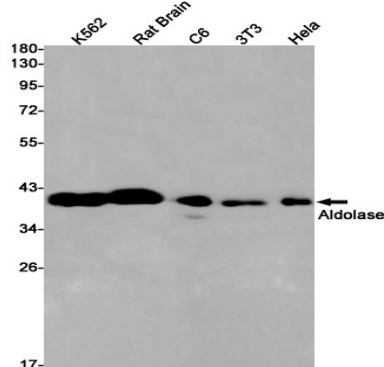
## Research Area

Signal Transduction

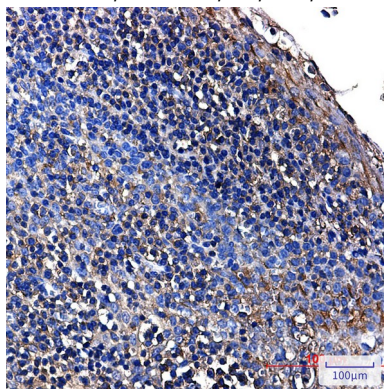
## Image Data



Immunocytochemistry analysis of ALDOA (green) in U87-MG using ALDOA antibody, and DAPI (blue).



Western blot analysis of Aldolase in K562, rat Brain, C6, 3T3, HeLa lysates using Aldolase antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Aldolase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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**Note**

For research use only.