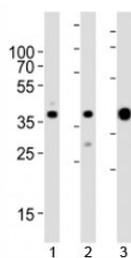


## ALDOA Antibody (F48150)

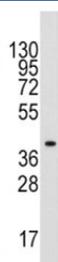
Catalog No.	Formulation	Size
F48150-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48150-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

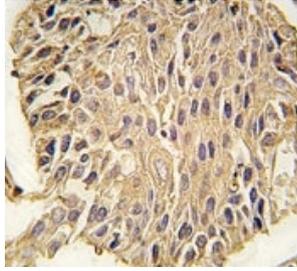
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Rabbit
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P04075
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
<b>Limitations</b>	This ALDOA antibody is available for research use only.



Western blot analysis of lysate from 1) MCF-7, 2) HeLa cell line and 3) human skeletal muscle tissue lysate using ALDOA antibody at 1:1000. Predicted molecular weight ~40 kDa.



Western blot analysis of ALDOA antibody and mouse liver tissue lysate. Predicted molecular weight ~40 kDa.



IHC analysis of FFPE human lung carcinoma tissue stained with ALDOA antibody

## Description

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 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.

## Application Notes

Titration of the ALDOA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 303-331 from the human protein was used as the immunogen for this ALDOA antibody.

## Storage

Aliquot the ALDOA antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.