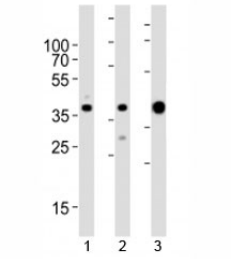
ALDOA Antibody (F48150)

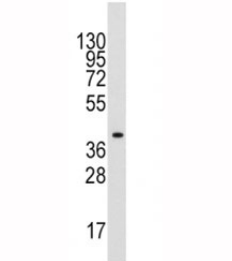
Catalog No.	Formulation	Size
F48150-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48150-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

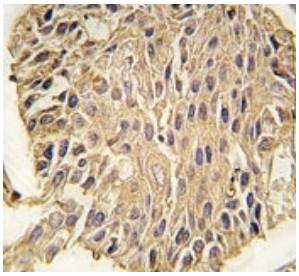
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rabbit
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P04075
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This ALDOA antibody is available 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 -20oC or colder. Avoid repeated freeze-thaw cycles.

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