

ALDOA Antibody (internal region, near N-Term)
Peptide-affinity purified goat antibody
Catalog # AF4084a

Specification

ALDOA Antibody (internal region, near N-Term) - Product Information

Application	WB
Primary Accession	P04075
Other Accession	NP_000025.1 , NP_001230106.1 , 226 , 11674 (mouse) , 24189 (rat)
Reactivity	Human, Mouse, Rat
Predicted Host	Dog, Cow
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG 39420

ALDOA Antibody (internal region, near N-Term) - Additional Information

Gene ID 226

Other Names

Fructose-bisphosphate aldolase A, 4.1.2.13, Lung cancer antigen NY-LU-1, Muscle-type aldolase, ALDOA, ALDA

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

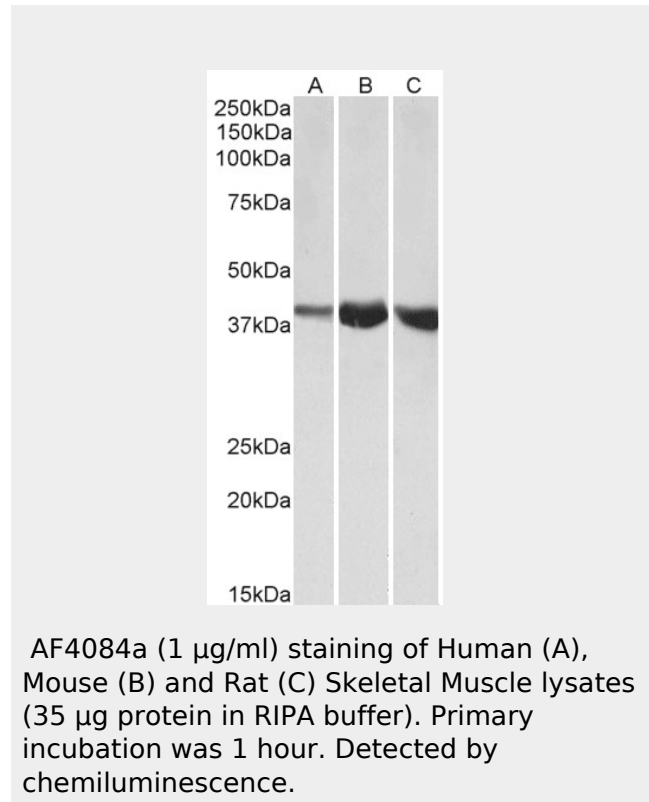
Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ALDOA Antibody (internal region, near N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDOA Antibody (internal region, near N-Term) -



ALDOA Antibody (internal region, near N-Term) - Background

This antibody is expected to recognize both reported isoforms (P_000025.1; NP_001230106.1). Reported variants represent identical protein: NP_908930.1, NP_908932.1, NP_001121089.1, NP_000025.1.

ALDOA Antibody (internal region, near N-Term) - References

Human aldolase A natural mutants: relationship between flexibility of the C-terminal region and enzyme function. Esposito G, Vitagliano L, Costanzo P, Borrelli L, Barone R, Pavone L, Izzo P, Zagari A, Salvatore F. The Biochemical journal 2004 May 380 (Pt 1): 51-6. PMID: 14766013

Protein Information**Name** ALDOA**Synonyms** ALDA**Function**

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

Cellular Location

Cytoplasm, myofibril, sarcomere, I band.
Cytoplasm, myofibril, sarcomere, M line.
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+)

ALDOA Antibody (internal region, near N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)