

Aldolase A Polyclonal Antibody

Catalog # AP68374

Product Information

Application WB, IF **Primary Accession** P04075

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW39420

Additional Information

Gene ID 226

Other Names ALDOA; ALDA; Fructose-bisphosphate aldolase A; Lung cancer antigen

NY-LU-1; Muscle-type aldolase

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000.

ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name ALDOA (HGNC:414)

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: 14766013). In addition, may also function as

scaffolding protein (By similarity).

Cellular Location Cytoplasm, myofibril, sarcomere, I band {ECO:0000250 | UniProtKB:P00883}.

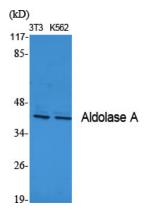
Cytoplasm, myofibril, sarcomere, M line {ECO:0000250 | UniProtKB:P00883}. Note=In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of

Ca(2+) {ECO:0000250 | UniProtKB:P00883}

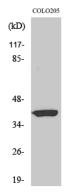
Background

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

Images



Western Blot analysis of various cells using Aldolase A Polyclonal Antibody diluted at 1:1000



Western Blot analysis of HT29 cells using Aldolase A Polyclonal Antibody diluted at 1:1000

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