

ALDOC Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11101a

Specification

ALDOC Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P09972
Other Accession	P05063 , Q9GKW3 , NP_005156.1
Reactivity	Human
Predicted	Monkey, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	72-101

ALDOC Antibody (N-term) - Additional Information

Gene ID 230

Other Names

Fructose-bisphosphate aldolase C, Brain-type aldolase, ALDOC, ALDC

Target/Specificity

This ALDOC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the N-terminal region of human ALDOC.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

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

Precautions

ALDOC Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDOC Antibody (N-term) - Protein Information

Name ALDOC ([HGNC:418](#))

Synonyms ALDC

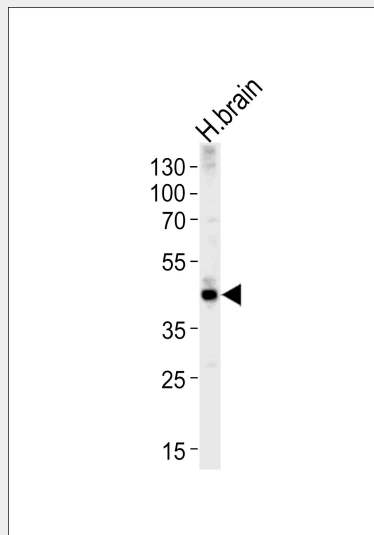
Function Catalyzes the reversible conversion of beta-D-fructose 1,6- biphosphate (FBP) into two triose phosphate and plays a key role in glycolysis and gluconeogenesis.

ALDOC Antibody (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](#)

ALDOC Antibody (N-term) - Images



Western blot analysis of lysate from human brain tissue lysate, using ALDOC Antibody (N-term)(Cat. #AP11101a). AP11101a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ALDOC Antibody (N-term) - Background

This gene encodes a member of the class I fructose-biphosphate aldolase gene family. Expressed specifically in the hippocampus and Purkinje cells of the brain, the encoded protein is a glycolytic enzyme that catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively.

ALDOC Antibody (N-term) - References

Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010)
Sultana, R., et al. Antioxid. Redox Signal. 12(3):327-336(2010)
Martins-de-Souza, D., et al. J Psychiatr Res 43(11):978-986(2009)

Martins-de-Souza, D., et al. J Neural Transm 116(3):275-289(2009)
Martins-de-Souza, D., et al. BMC Psychiatry 9, 17 (2009) :