10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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

Synonyms ALDC

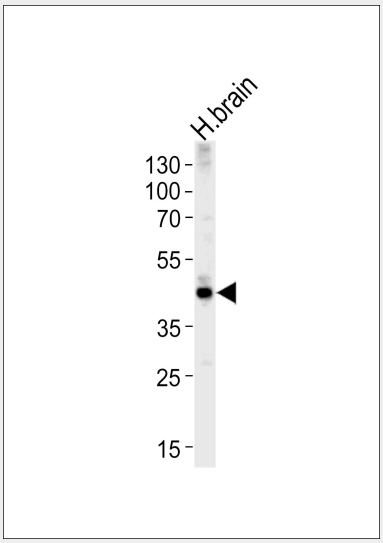
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 Cytomety
- 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) :