

ALDOC Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5145

Specification

ALDOC Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	P09972
Other Accession	P09117 , P05063 , Q9GKW3
Reactivity	Human, Mouse, Rat
Predicted Host	Monkey
Clonality	Rabbit Polyclonal
Calculated MW	H=39;M=39;Rat=39 KDa
Isotype	Rabbit Ig
Antigen Source	HUMAN

ALDOC Antibody (C-term) - Additional Information

Gene ID 230

Antigen Region
300-333

Other Names

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

Dilution

WB~~1:1000
IHC-P~~1:10~50

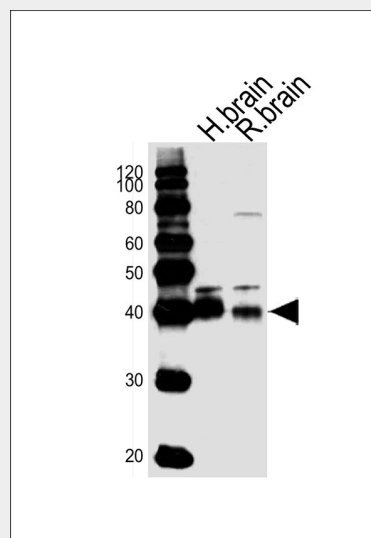
Target/Specificity

This ALDOC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-333 amino acids from the C-terminal region of human ALDOC.

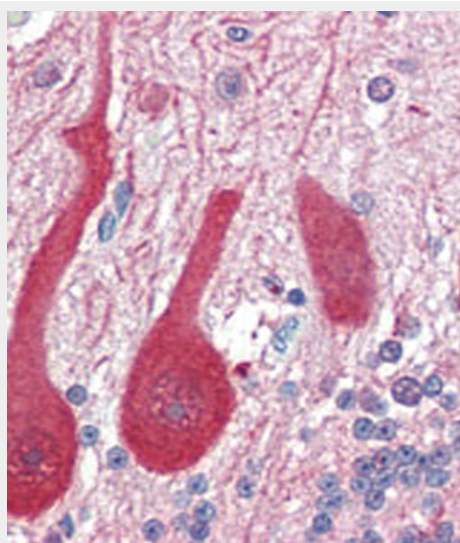
Format

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



Western blot analysis of lysates from human brain, rat brain, mouse cerebellum tissue lysate (from left to right), using ALDOC Antibody (C-term)(Cat. #AW5145). AW5145 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



Formalin-fixed and paraffin-embedded human Brain, Cerebellum tissue reacted with ALDOC antibody (C-term) (Cat. #AW5145),

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

ALDOC Antibody (C-term) - Protein Information

Name ALDOC

Synonyms ALDC

ALDOC Antibody (C-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](#)

which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ALDOC Antibody (C-term) - Background

ALDOC is a member of the fructose-biphosphate aldolase protein family. Expressed specifically in the hippocampus and Purkinje cells of the brain, this 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 (C-term) - References

Buono,P.,FEBS Lett. 578 (3), 337-344 (2004)
Buono,P.,Nucleic Acids Res. 16 (10), 4733 (1988)
Rottmann,W.H.,Proc. Natl. Acad. Sci. U.S.A. 56 (4), 1275-1282 (1966)