

## **ALDOC Antibody (C-term)**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5145

## **Specification**

## **ALDOC Antibody (C-term) - Product Information**

**Application** IHC-P, WB,E P09972

**Primary Accession** 

Other Accession P09117, P05063, Q9GKW3 Reactivity Human, Mouse, Rat Predicted Monkey

Host **Rabbit** Clonality **Polyclonal** 

Calculated MW H=39;M=39;Rat=39 KDa

Isotype Rabbit IgG 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** 

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

## 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

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

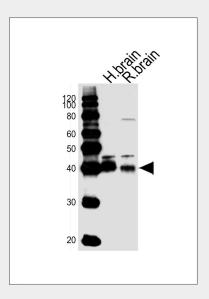
**Synonyms ALDC** 

## **ALDOC Antibody (C-term) - Protocols**

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

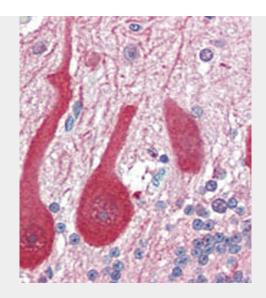
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **ALDOC Antibody (C-term) - Images**



Western blot analysis of lysates from human brain,rat brain,mouse celebellum 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), 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)