

## ALDOC Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP2736b

### Specification

# ALDOC Antibody (C-term) - Product Information

Application Primary Accession Other Accession Reactivity Predicted Host Clonality Isotype Calculated MW Antigen Region WB, IHC-P,E <u>P09972</u> <u>P09117</u>, <u>P05063</u>, <u>O9GKW3</u> Human Monkey, Mouse, Rat Rabbit Polyclonal Rabbit IgG 39456 300-333

## ALDOC Antibody (C-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 300-333 amino acids from the C-terminal region of human ALDOC.

**Dilution** WB~~1:1000 IHC-P~~1:10~50 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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## ALDOC Antibody (C-term) - Protein Information

Name ALDOC



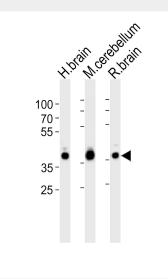
Synonyms ALDC

# ALDOC Antibody (C-term) - Protocols

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

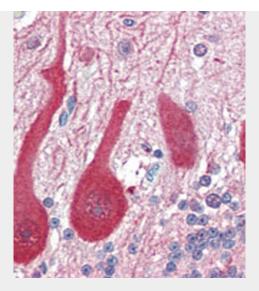
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

ALDOC Antibody (C-term) - Images



Western blot analysis of lysates from human brain, mouse cerebellum and rat brain tissue lysate (from left to right), using ALDOC Antibody (C-term)(Cat. #AP2736b). AP2736b 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 35ug per lane.





Formalin-fixed and paraffin-embedded human Brain, Cerebellum tissue reacted with ALDOC antibody (C-term) (Cat.#AP2736b), 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)