

ALDOC Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP2736b**Specification**

ALDOC Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P09972](#)**ALDOC Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 230**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2736b](/product/products/AP2736b) was selected from the C-term region of human ALDOC. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ALDOC Antibody (C-term) Blocking Peptide - Protein Information**Name** ALDOC**Synonyms** ALDC**ALDOC Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

ALDOC Antibody (C-term) Blocking Peptide - Images**ALDOC Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)