

ALDOC Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11101a**Specification**

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

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

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 (N-term) Blocking peptide - Protein Information**Name** ALDOC ([HGNC:418](#))**Synonyms** ALDC**Function**

Catalyzes the reversible conversion of beta-D-fructose 1,6- bisphosphate (FBP) into two triose phosphate and plays a key role in glycolysis and gluconeogenesis.

ALDOC Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ALDOC Antibody (N-term) Blocking peptide - Images**ALDOC Antibody (N-term) Blocking peptide - Background**

This gene encodes a member of the class I fructose-bisphosphate 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) Blocking peptide - 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) :