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ENO2 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18121c

Specification

ENO2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P09104

ENO2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2026

Other Names
Gamma-enolase, 2-phospho-D-glycerate hydro-lyase, Enolase 2, Neural enolase, Neuron-specific enolase, NSE, ENO2

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.

ENO2 Antibody (Center) Blocking Peptide - Protein Information

Name ENO2

Function
Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium- dependent manner, to cultured neocortical neurons and promotes cell survival (By similarity).

Cellular Location
Cytoplasm. Cell membrane. Note=Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form

Tissue Location
The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons

ENO2 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

ENO2 Antibody (Center) Blocking Peptide - Images

ENO2 Antibody (Center) Blocking Peptide - Background

This gene encodes one of the three enolase isoenzymesfound in mammals. This isoenzyme, a homodimer, is found in matureneurons and cells of neuronal origin. A switch from alpha enolaseto gamma enolase occurs in neural tissue during development in ratsand primates.

ENO2 Antibody (Center) Blocking Peptide - References

Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010)Mukhtarova, S.N. Georgian Med News 181, 49-54 (2010) :Planche, V., et al. Ann. Biol. Clin. (Paris) 68(2):239-242(2010)Chaves, M.L., et al. J Neuroinflammation 7, 6 (2010) :Wijeyaratne, S.M., et al. Eur J Vasc Endovasc Surg 38(3):262-266(2009)