

Enolase Polyclonal Antibody

Catalog # AP69744

Product Information

Application WB, IHC-P, IF **Primary Accession** P09104

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW47269

Additional Information

Gene ID 2026

Other Names ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural

enolase; Neuron-specific enolase; NSE

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other

applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

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

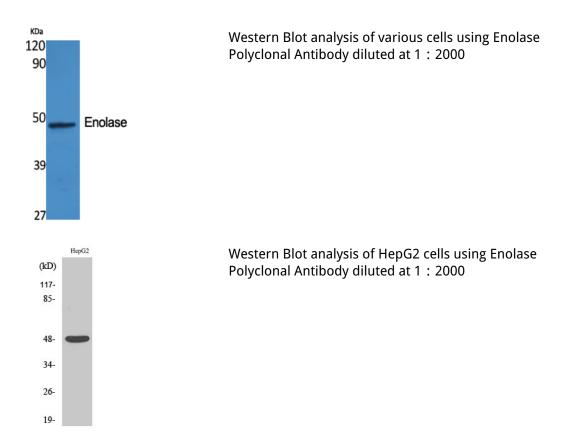
in striated muscle, and the alpha/gamma heterodimer and the

gamma/gamma homodimer in neurons

Background

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).

Images



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