

ENO2 / NSE Antibody (aa371-420)
Rabbit Polyclonal Antibody
Catalog # ALS14473**Specification**

ENO2 / NSE Antibody (aa371-420) - Product Information

Application	IF, WB
Primary Accession	P09104
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

ENO2 / NSE Antibody (aa371-420) - Additional Information**Gene ID** 2026**Other Names**

Gamma-enolase, 4.2.1.11, 2-phospho-D-glycerate hydro-lyase, Enolase 2, Neural enolase, Neuron-specific enolase, NSE, ENO2

Target/Specificity

NSE Antibody detects endogenous levels of total NSE protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

ENO2 / NSE Antibody (aa371-420) is for research use only and not for use in diagnostic or therapeutic procedures.

ENO2 / NSE Antibody (aa371-420) - 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

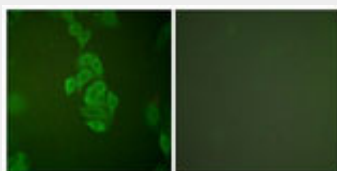
Volume
125 µl

ENO2 / NSE Antibody (aa371-420) - Protocols

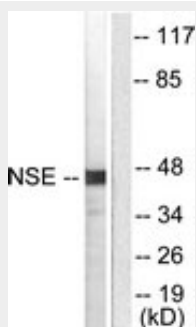
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ENO2 / NSE Antibody (aa371-420) - Images



Immunofluorescence of A549 cells, using NSE Antibody.



Western blot of extracts from HepG2 cells, using NSE Antibody.

ENO2 / NSE Antibody (aa371-420) - Background

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ENO2 / NSE Antibody (aa371-420) - References

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Oliva D., et al. Gene 79:355-360(1989).
Oliva D., et al. Genomics 10:157-165(1991).
Ansari-Lari M.A., et al. Genome Res. 7:268-280(1997).