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ENO2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14564

Specification

ENO2 antibody - middle region - Product Information

Application	**WB**
Primary Accession	P09104
Other Accession	NM_001975, NP_001966
Reactivity	**Human, Mouse, Rat, Rabbit, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rabbit, Chicken, Horse, Bovine, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**47kDa KDa**

ENO2 antibody - middle region - Additional Information

Gene ID 2026

Alias Symbol	**NSE**

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

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ENO2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ENO2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

ENO2 antibody - middle region - 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

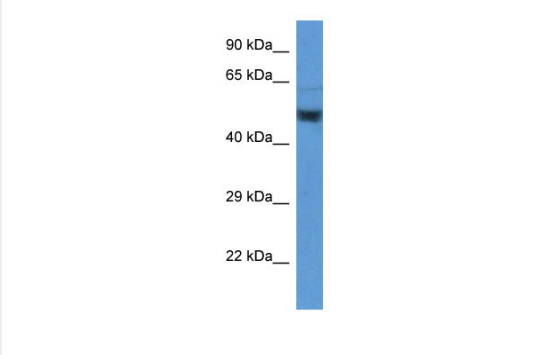
Tissue Location
The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons

ENO2 antibody - middle region - Protocols

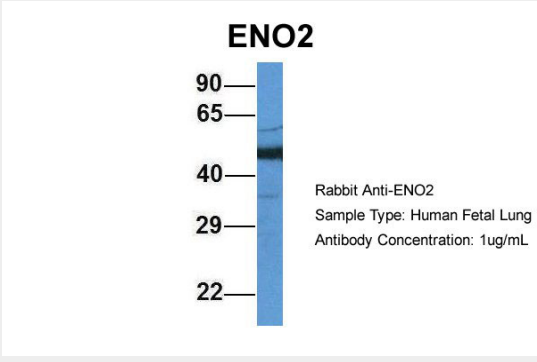
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ENO2 antibody - middle region - Images



WB Suggested Anti-ENO2 Antibody Titration: 1.0 µg/ml
Positive Control: Placenta



Host:Rabbit
Target Name:ENO2
Sample Tissue:Human Fetal Lung
Antibody Dilution: 1.0µg/ml

ENO2 antibody - middle region - References

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van Obberghen E.,et al.J. Neurosci. Res. 19:450-456(1988).
Oliva D.,et al.Gene 79:355-360(1989).
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Ansari-Lari M.A.,et al.Genome Res. 7:268-280(1997).