

**ENO2 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14564**

**Specification**

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**ENO2 antibody - middle region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P09104</a>
Other Accession	<a href="#">NM_001975</a> , <a href="#">NP_001966</a>
Reactivity	<b>Human, Mouse, Rat, Rabbit, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog</b>
Predicted	<b>Human, Mouse, Rabbit, Chicken, Horse, Bovine, Guinea Pig</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>47kDa KDa</b>

**ENO2 antibody - middle region - Additional Information**

**Gene ID 2026**

Alias Symbol	<b>NSE</b>
<b>Other Names</b>	
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

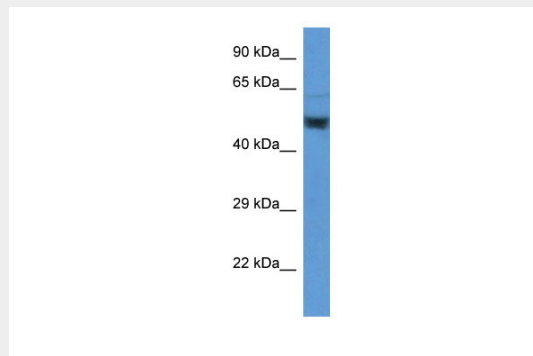
The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons

### ENO2 antibody - middle region - Protocols

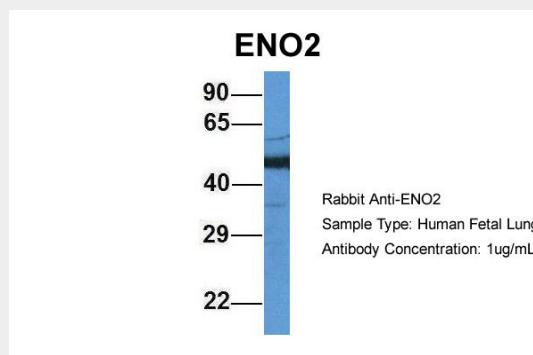
Provided below are standard protocols that you may find useful for product applications.

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

McAleese S.M.,et al.Eur. J. Biochem. 178:413-417(1988).  
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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).