

Product datasheet for **AP23266PU-N**

NSE (ENO2) (C-term) Rabbit Polyclonal Antibody

Product data:

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|-------------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, IP, WB |
| Recommended Dilution: | Western blot: At 1-2µg/ml with the appropriate system to detect NSE in cells and tissues. Immunohistochemistry on paraffin sections: At 1-2µg/ml to detect NSE in formalin fixed and paraffin embedded tissues. Boiling the sections is required. Immuncytochemistry. Immunoprecipitation. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide mapping at the C-terminus of NSE of human origin |
| Specificity: | This antibody detects Neuron specific enolase at C-term. |
| Formulation: | 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ State: Aff - Purified State: Lyophilized Ig fraction |
| Reconstitution Method: | 0.2ml of distilled water will yield a concentration of 500µg/ml. |
| Purification: | Immunogen affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | enolase 2 |
| Database Link: | Entrez Gene 13807 Mouse Entrez Gene 24334 Rat Entrez Gene 2026 Human P09104 |



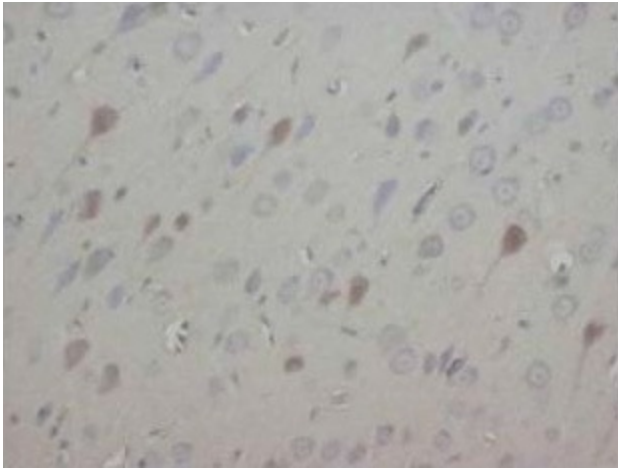
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Background: NSE (neuron specific enolase), also known as Enolase 2(ENO2), is found in elevated concentrations in plasma in certain neoplasias. The enolases catalyze the interconversion of 2-phosphoglycerate to phosphoenolpyruvate in the glycolytic pathway. ENO2 gene contains 12 exons distributed over 9,213 nucleotides. Human neurone-specific enolase is mapped to chromosome 12p13.

Synonyms: NSE, ENO2, Enolase 2, Neural enolase, Gamma-enolase

Protein Pathways: Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation

Product images:



Immunohistochemical analysis of paraffin embedded sections (brain) using NT3 antibody