

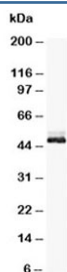
NSE Antibody / Neuron Specific Enolase (R30242)

Catalog No.	Formulation	Size
R30242	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

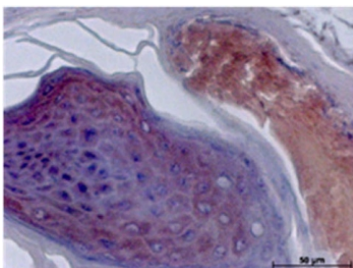
 Citations (1)

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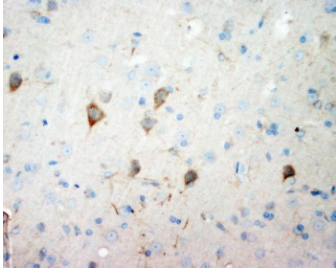
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P09104
Localization	Cytoplasmic, membranous
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This NSE antibody is available for research use only.



NSE Antibody Rat Brain WB. Western blot testing of NSE antibody and rat brain tissue lysate. Predicted molecular weight: ~47 kDa.



NSE Antibody Mouse Skin IHC. Immunohistochemistry testing of FFPE mouse skin with NSE antibody.



NSE Antibody Rat Brain IHC. Immunohistochemistry testing of FFPE rat brain with NSE antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 20 min and allow to cool before testing.

Description

NSE Antibody detects NSE (Neuron specific enolase), also known as Enolase 2 (ENO2), which 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.

For detection of neuron-specific enolase (NSE), also known as gamma enolase, across tissue types, see our [NSE antibody](#).

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the NSE antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human NSE (EARFAGHNFRNPSVL) was used as the immunogen for this NSE antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the NSE antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.