Product Name: NSE (4C7) Mouse Monoclonal Antibody
Catalog #: AMM03693

Summary

Production Name	NSE (4C7) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	ENO2
Alternative Names	ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE
Gene ID	2026
SwissProt ID	P09104

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 47 kDa; Observed MW: 47 kDa

Background

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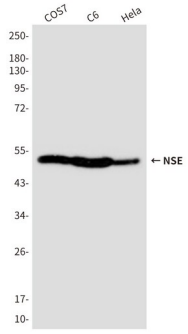
ENO2 an enzyme with 2-phospho-D-glycerate hydro-lyase activity. One of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates.

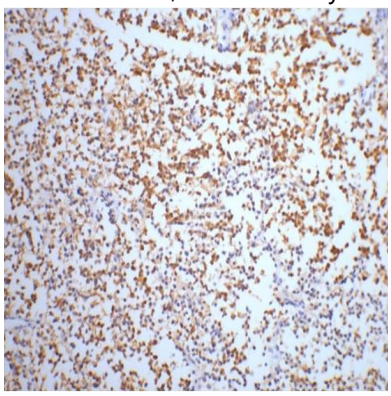
Research Area

Signal Transduction

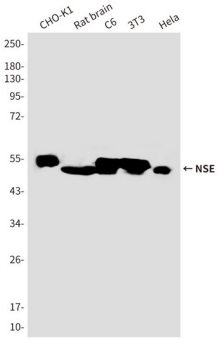
Image Data



Western blot analysis of Enolase2 in COS7, C6 and Hela lysates using Enolase2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human small cell carcinoma of lung tissue using NSE antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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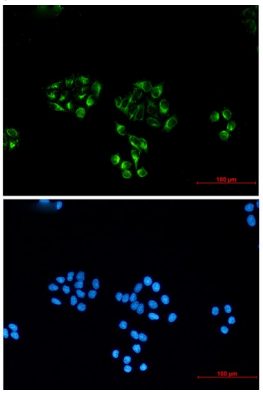
Western blot analysis of NSE (4C7) in Enolase (4C7) in CHO-K1, rat brain, C6, 3T3, Hela lysates using Enolase (4C7) antibody.



Immunocytochemistry analysis of NSE (4C7) (green) in Hela using NSE (4C7) antibody ,and DAPI(blue)

Note

For research use only.