

NSE Rabbit mAb

Catalog No: #49015



Package Size: #49015-1 50ul #49015-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

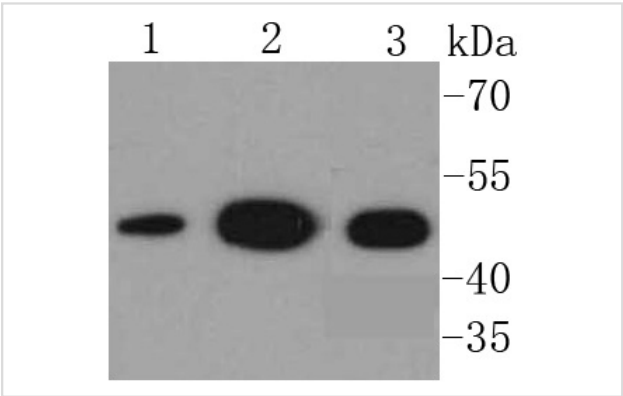
Description

Product Name	NSE Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SC06-28
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu, Ms, Rt, zebrafish
Immunogen Description	recombinant protein
Other Names	2 phospho D glycerate hydrolyase antibody 2-phospho-D-glycerate hydro-lyase antibody Eno 2 antibody ENO2 antibody ENOG antibody ENOG_HUMAN antibody Enolase 2 (gamma, neuronal) antibody Enolase 2 antibody Enolase 2 gamma neuronal antibody Enolase2 antibody Epididymis secretory protein Li 279 antibody Gamma enolase antibody Gamma-enolase antibody HEL S 279 antibody Neural enolase antibody Neuron specific enolase antibody Neuron specific gamma enolase antibody Neuron-specific enolase antibody Neurone specific enolase antibody NSE antibody
Accession No.	Swiss-Prot#:P09104
Uniprot	P09104
GeneID	2026;
Calculated MW	47 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

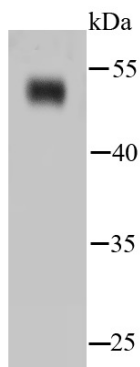
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200

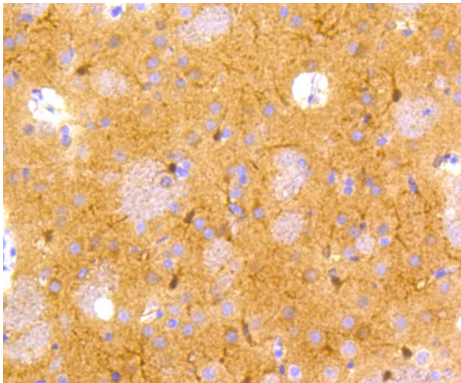
Images



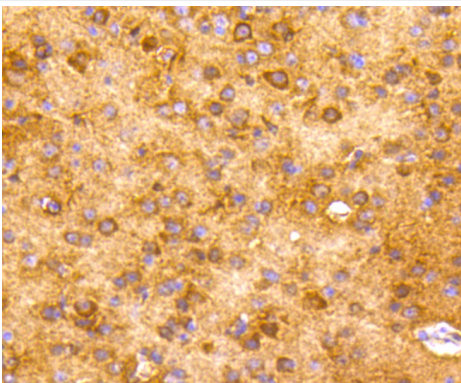
Western blot analysis of NSE on different lysates using anti-NSE antibody at 1/1,000 dilution. Positive control:
Lane 1: HepG2
Lane 2: Hela
Lane 3: 293



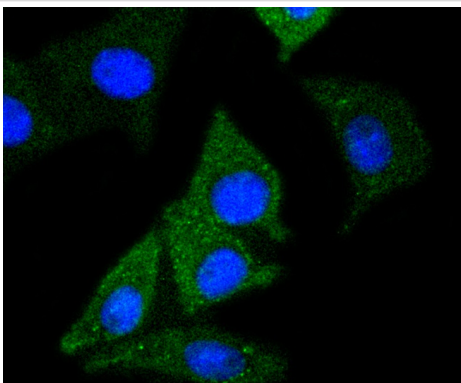
Western blot analysis of NSE on hybrid fish (crucian-carp) brain tissue lysates using anti-NSE antibody at 1/500 dilution.



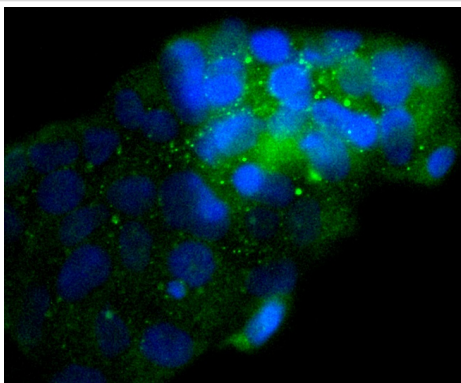
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-NSE antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-NSE antibody. Counter stained with hematoxylin.



ICC staining NSE in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining NSE in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Enolases have been characterized as highly conserved cytoplasmic glycolytic enzymes that may be involved in differentiation. Three isoenzymes have been identified, α Enolase, β Enolase and γ Enolase. α Enolase expression has been detected on most tissues, whereas β Enolase is expressed predominantly in muscle tissue and γ Enolase is detected only in nervous tissue. These isoforms exist as both homodimers and heterodimers, and they play a role in converting phosphoglyceric acid to phosphoenolpyruvic acid in the glycolytic pathway.

References

Note: This product is for in vitro research use only