



Anti- NSE Antibody - Clone NSEP2

Alternative Names: Gamma-enolase, enolase 2, ENO2, gamma-isozyme

Catalogue Number: AX17-10012

Size: 100ug

Background Information

Neuron-specific enolase (NSE) is a glycolytic isoenzyme found in central and peripheral neurons and neuroendocrine cells. Enolase exists as a number of tissue-specific isoenzymes, consisting of homo or heterodimers of 3 different monomer-isoforms (alpha, beta, and gamma). Neuron specific enolase (NSE) is a 78 kD gamma-homodimer and represents the dominant enolase-isoenzyme found in neuronal and neuroendocrine tissues. NSE levels in other tissues, except erythrocytes, are negligible.

Concentrations of NSE in serum or cerebrospinal fluid (CSF) are generally elevated in diseases which result in neuronal destruction.

This antibody (Clone NSEP2) is not reactive with other isozyme forms of enolase.

Product Information

Antibody Type:	Monoclonal	Host:	Mouse
Isotype:	IgG1 kappa	Species Reactivity:	Human, Chicken, Mouse
Immunogen:	Ovalbumin-conjugated synthetic peptide corresponding to human NSE aa sequence:NSE-P2: aa 271-285 (TGDQLGALYQDFVRD)		
Format:	100 µg in 100 µl PBS containing 0.02% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	ELISA, IHC, WB		