

Product datasheet for **TA321414S**

NSE (ENO2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Jurkat cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 420-434 amino acids of Human enolase 2 (gamma, neuronal)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	enolase 2
Database Link:	NP_001966 Entrez Gene 13807 Mouse Entrez Gene 24334 Rat Entrez Gene 2026 Human P09104
Background:	This gene encodes 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. Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds; in a calcium-dependent manner; to cultured neocortical neurons and promotes cell survival.
Synonyms:	HEL-S-279; NSE
Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation



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Product images:

Gel: 10%SDS-PAGE
Lysate: 40 µg
Lane: Jurkat cells
Primary antibody: [TA321414] (ENO2 Antibody) at dilution 1/750
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds