

#### OriGene Technologies, Inc.

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# Product datasheet for TA321414

# NSE (ENO2) Rabbit Polyclonal Antibody

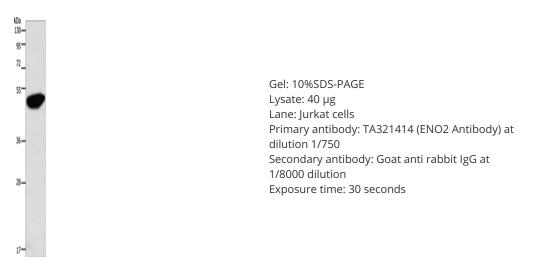
### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Jurkat cells
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
lsotype:	lgG
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% NaN3, 50% glycerol
Concentration:	lot specific
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:	<u>NP_001966</u> <u>Entrez Gene 13807 MouseEntrez Gene 24334 RatEntrez Gene 2026 Human</u> <u>P09104</u>
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



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US Protein Pathways: Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation

## **Product images:**



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