

Rabbit anti-NSE (Neuron Specific Enolase)






Cat. No. and Size:	<p>514-3300: 0.1 ml immunogen affinity purified rabbit polyclonal antibody in PBS pH 7.6 with 1% BSA and less than 0.1% sodium azide.</p> <p>514-3302: 0.5 ml immunogen affinity purified rabbit polyclonal antibody in PBS pH 7.6 with 1% BSA and less than 0.1% sodium azide.</p> <p>514-3304: 1.0 ml immunogen affinity purified rabbit polyclonal antibody in PBS pH 7.6 with 1% BSA and less than 0.1% sodium azide.</p> <p>514-3301: 7.0 ml pre-diluted immunogen affinity purified rabbit polyclonal antibody in TBS pH 7.6 with 1% BSA and less than 0.1% sodium azide.</p>
Intended Use:	For research use only. Not for use in diagnostic procedures.
Clone:	n/a (polyclonal)
Immunogen:	Synthetic peptide corresponding to C-terminus of human NSE
Isotype:	Rabbit IgG
Epitope:	Not determined
Molecular Weight:	46 kDa
Species Reactivity:	Human (tested). Bovine, Chicken, Dog, Mouse, Rabbit, Rat (Predicted by sequence homology). Others not tested.
Description:	Enolase is a glycolytic enzyme catalyzing the reaction pathway between 2-phospho-glycerate and phosphoenol pyruvate. In mammals, enolase molecules are dimers composed of three distinct subunits (α , β and γ). The alpha-subunit is expressed in most tissues and the beta-subunit only in muscle. The gamma-subunit is expressed primarily in neurons, in normal and in neoplastic neuroendocrine cells. Coexpression of NSE and chromogranin A is common in neuroendocrine neoplasms.
Applications	Immunohistochemistry (IHC) on formalin-fixed, paraffin-embedded tissue sections.
IHC Procedure	Antibody Dilution: If using the concentrate format of this product, dilute the antibody 1:300. The dilutions are estimates; actual results may differ because of variability in methods and protocols.
Antigen Retrieval:	Boil tissue section in 10 mM Citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.
Positive Control:	Primary Antibody Incubation: 30 minutes at RT. Pancreas
Cellular localization:	Cytoplasmic
Storage and Stability	<p>Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. Every antibody is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.</p> <p>There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.</p>

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Explanation of the symbols on the product label:

REF	Bestellnummer Catalog Number Reference du catalogue		Verwendbar bis Use By Utiliser jusque		Gebrauchsanweisung beachten Consult Instructions for use Consulter les instructions d'utilisation
LOT	Chargenbezeichnung Batch Code Code du lot		Lagerungstemperatur Temperature Limitation Limites de température	RUO	Nur für Forschungszwecke For Research Use Only Pour la recherche uniquement
IVD	In vitro Diagnostikum In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro		Achtung Warning Attention		Hersteller / Manufacturer / Fabricant Zytomed Systems GmbH • Anhaltinerstraße 16 14163 Berlin, Germany • Tel: (+49) 30-804 984 990 www.zytomed-systems.de