



Rabbit polyclonal antibody to Neuropathy target esterase (1323-1348): Affinity purified

Catalogue No.:	R-1135-100
Description:	Neuropathy target esterase (NTE), also known as Patatin like phospholipase domain containing 6, is a neuronal membrane protein and a target protein for neuropathic organophosphorus (OP) compounds. The functions of NTE are not yet fully understood. NTE is suggested to have a role in neuronal development. Gene mutations in NTE have been linked with neurodegenerative diseases such motor neuron disease (MND) and amyotrophic lateral sclerosis (ALS).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (DEDKTVRQRKNVSRDPNADFSGVSDC) corresponding to a region (1323-1348) from the C-terminus of zebrafish Neuropathy target esterase. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Neurotoxic esterase; NTE; NTEMND; Patatin like phospholipase domain containing 6; PNPLA6; SPG39; swisscheese; sws;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Zebra fish NTE has a predicted length of 1,348 residues and MW of 150 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Enzymatic antigen retrieval is required. Also the recommended concentration for formalin/acetone fixed frozen tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Zebrafish;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Storage:	Aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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