



# NTE rabbit pAb

Cat No.:ES4093

For research use only

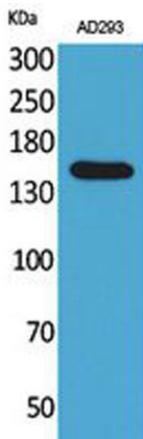
## Overview

<b>Product Name</b>	NTE rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human PNPLA6. AA range:1031-1080
<b>Specificity</b>	NTE Polyclonal Antibody detects endogenous levels of NTE protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Neuropathy target esterase
<b>Gene Name</b>	PNPLA6
<b>Cellular localization</b>	Endoplasmic reticulum membrane ; Single-pass type III membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	150kD
<b>Human Gene ID</b>	10908
<b>Human Swiss-Prot Number</b>	Q8IY17
<b>Alternative Names</b>	PNPLA6; NTE; Neuropathy target esterase; Patatin-like phospholipase domain-containing protein 6
<b>Background</b>	This gene encodes a phospholipase that deacetylates intracellular phosphatidylcholine to produce glycerophosphocholine. It is thought to function in neurite outgrowth and process

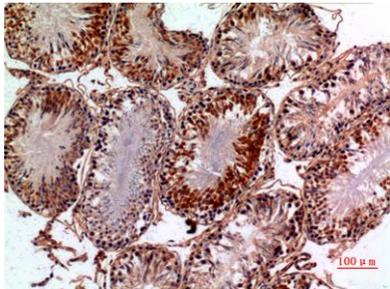




elongation during neuronal differentiation. The protein is anchored to the cytoplasmic face of the endoplasmic reticulum in both neurons and non-neuronal cells. Mutations in this gene result in autosomal recessive spastic paraplegia, and the protein is the target for neurodegeneration induced by organophosphorus compounds and chemical warfare agents. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009],



Western Blot analysis of AD293 cells using NTE Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



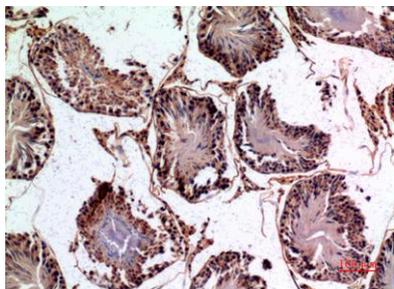
Immunohistochemical analysis of paraffin-embedded rat-testis, antibody was diluted at 1:100



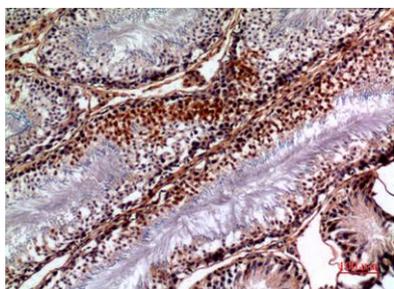


**ELK Biotechnology**

Immunohistochemical analysis of paraffin-embedded rat-testis, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-testis, antibody was diluted at 1:100



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