



# CNPase rabbit pAb

Cat No.:ES2015

For research use only

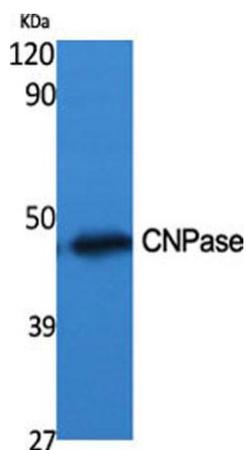
## Overview

<b>Product Name</b>	CNPase 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. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CNPase. AA range:59-108
<b>Specificity</b>	CNPase Polyclonal Antibody detects endogenous levels of CNPase 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>	2',3'-cyclic-nucleotide 3'-phosphodiesterase
<b>Gene Name</b>	CNP
<b>Cellular localization</b>	Membrane ; Lipid-anchor . Melanosome . Firmly bound to membrane structures of brain white matter. .
<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>	47kD
<b>Human Gene ID</b>	1267
<b>Human Swiss-Prot Number</b>	P09543
<b>Alternative Names</b>	CNP; 2'; 3'-cyclic-nucleotide 3'-phosphodiesterase; CNP; CNPase
<b>Background</b>	catalytic activity:Nucleoside 2',3'-cyclic phosphate + H(2)O = nucleoside 2'-phosphate.,similarity:Belongs to the cyclic nucleotide phosphodiesterase

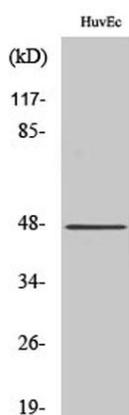




family.,subcellular location:Firmly bound to membrane structures of brain white matter. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,



Western Blot analysis of various cells using CNPase Polyclonal Antibody diluted at 1:500



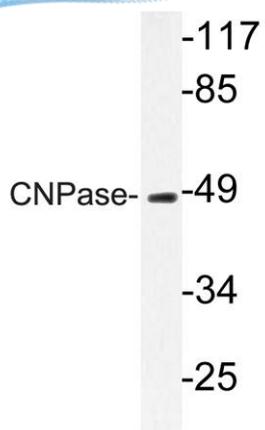
Western Blot analysis of MCF7 cells using CNPase Polyclonal Antibody diluted at 1:500

Immunohistochemistry analysis of CNPase antibody in paraffin-embedded human brain tissue.





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Western blot analysis of lysate from HUVEC cells, using CNPase antibody.



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