



Datasheet for ABIN6138789
anti-Cnpase antibody (AA 152-421)



[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	Cnpase (CNP)
Binding Specificity:	AA 152-421
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cnpase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 152-421 of human CNPasease (NP_149124.3).
Sequence:	TAWRLDCAQL KEKNQWQLSA DDLKCLKPGL EKDFLPLYFG WFLTKKSSET LRKAGQVFLE ELGNHKAFKK ELRQFVPGDE PREKMDLVTY FGKRPPGVLH CTTKFCDYGK APGAEYYAQQ DVLKKSYSKA FTLTISALFV TPKTTGARVE LSEQQLQLWP SDVDKLSPTD NLPRGSRAHI TLGCAADVEA VQTGLDLLEI LRQEKGGSRG EEVGELSRGK LYSLGNRWM LTLAKNMEVR AIFTGYYGKG KPVPTQGSRK GGALQSCTII
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Cnpase (CNP)
Alternative Name:	CNP (CNP Products)
Background:	May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.,CNP,CNP1,CNPase,Neuroscience,Cell Type Marker,Neurodegenerative Diseases,Oligodendrocyte marker,CNP
Molecular Weight:	45 kDa/47 kDa
Gene ID:	1267
UniProt:	P09543

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

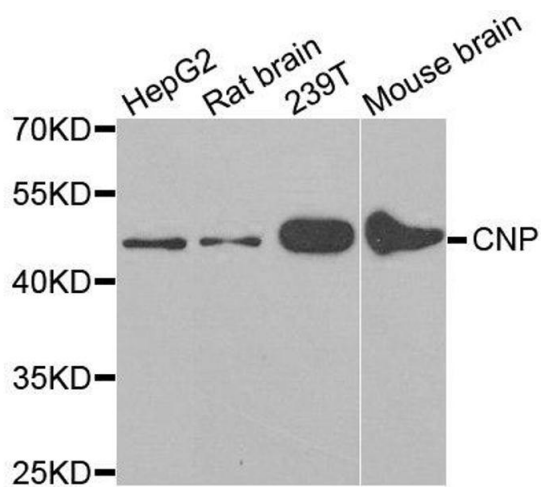
Publications

Product cited in:	Xie, Zhang, Wang, Zhao, Zhang, Yao, Hur, Yeh, Pang, Zheng, Fan, Kong, Wang, Chiu, Zhou: "Matrix stiffness determines the phenotype of vascular smooth muscle cell in vitro and in vivo: Role of DNA methyltransferase 1." in: Biomaterials , Vol. 155, pp. 203-216, (2018) (PubMed).
	Wang, Li, Zhu, Lin, Luo, Zhao, Zhang, Li, Gao, Liang, Liu, Tsun, Yuan, Wu, Li: "DNMT1 cooperates with MBD4 to inhibit the expression of Glucocorticoid-induced TNFR-related protein in human T

cells." in: **FEBS letters**, Vol. 591, Issue 13, pp. 1929-1939, (2017) ([PubMed](#)).

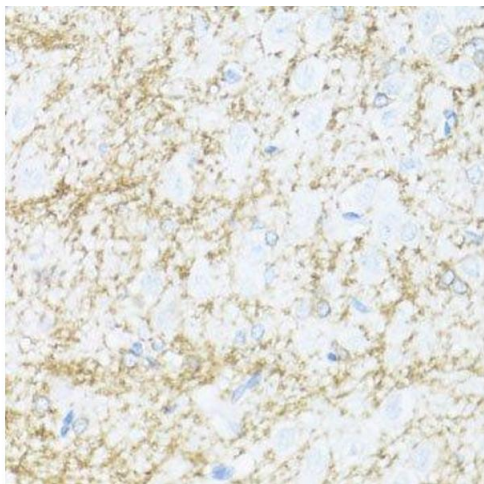
Xi, Gao, Yang, Ye, Zhang, Wu, Jiang, Zhang: "Anticancer drugs induce hypomethylation of the acetylcholinesterase promoter via a phosphorylated-p38-DNMT1-AChE pathway in apoptotic hepatocellular carcinoma cells." in: **The international journal of biochemistry & cell biology**, Vol. 68, pp. 21-32, (2016) ([PubMed](#)).

Images



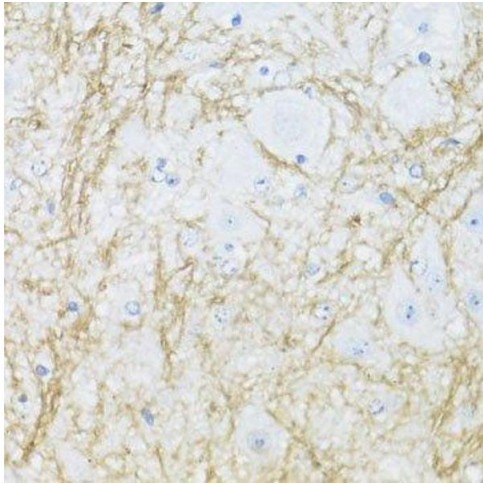
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CNP antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded rat brain using CNP antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse spinal cord using CNP antibody.