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Datasheet for ABIN514501
anti-Cnpase antibody (AA 1-421)

2 Images

Overview

Quantity:	100 µg
Target:	Cnpase (CNP)
Binding Specificity:	AA 1-421
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cnpase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant CNP.
Immunogen:	CNP (AAH01362, 1 a.a. ~ 421 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MNRGFSRKSH TFLPKIFFRK MSSSGAKDKP ELQFPFLQDE DTVATLLECK TLFILRGLPG SGKSTLARVI VDKYRDGTKM VSADAYKITP GARGAFSEY KRLDEDLAAY CRRRDIRILV LDDTNHERER LEQLFEMADQ YQYQVVLVEP KTAWRLDCAQ LKEKNQWQLS ADDLKKLKPG LEKDFLPLYF GWFLTKKSSE TLRKAGQVFL EELGNHKAFK KELRQFVPGD EPREKMDLVT YFGKRPPGVL HCTTKFCDYG KAPGAEYYAQ QDVLKKSYSK AFTLTISALF VTPKTTGARV ELSEQQLLW PSDVDKLSPT DNLPRGSAH ITLGCAADVE AVQTGLDLLE ILRQEKGGSR GEEVGELSRG KLYSLGNGRW MLTLAKNMEV RAIFTGYYGK GKPVPQTQGSR KGGALQSCTI I
Clone:	2E8

Product Details

Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

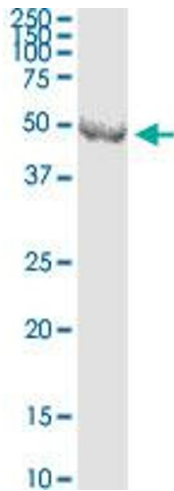
Target:	Cnpase (CNP)
Alternative Name:	CNP (CNP Products)
Background:	Full Gene Name: 2',3'-cyclic nucleotide 3' phosphodiesterase Synonyms: CNP1
Gene ID:	1267

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

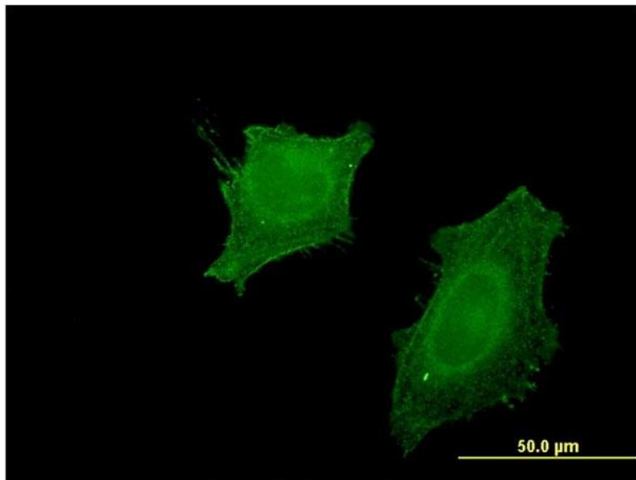
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. CNP monoclonal antibody (M01), clone 2E8. Western Blot analysis of CNP expression in human colon.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to CNP on HeLa cell. [antibody concentration 10 ug/ml]