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anti-CPNE7 antibody (C-Term)





Overview

Quantity:	0.1 mg
Target:	CPNE7
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CPNE7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Bacterially produced GST-fused C terminus of human CPNE7.
Clone:	CPNE7-01
Isotype:	IgG
Specificity:	The mouse monoclonal antibody CPNE7-01 recognizes C terminus of human CPNE7, a calcium-binding cytoplasmic protein expressed mainly in brain.
Cross-Reactivity (Details):	Human, Other not determined
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

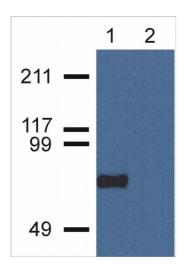
Target:	CPNE7
Alternative Name:	CPNE7 (CPNE7 Products)
Background:	Copine 7,CPNE7 (copine VII) is a member of highly conserved copine family, which is composed of calcium-dependent membrane-binding proteins containing two N-terminal C
	domains and a C-terminal A domain (von Willenbrand domain). There is an evidence that copines (at least copine III) may represent a novel unconventional kinase family. CPNE7 is expressed mainly in brain, but also in duodenum, jejunum, thymus and testes.,copine 7
Gene ID:	27132
UniProt:	Q9UBL6

Application Details

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

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Western Blotting

Image 1. Western Blotting analysis of CPNE7 using CPNE7-01 antibody in nuclear cell lysate (1) and cytoplasmic fraction (2) of HeLa cell extracts.