



Mouse anti-Human CPNE6 monoclonal antibody, clone 7E22 (CABT-B10027)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	CPNE6 (AAH18046, 1 a.a. ~ 558 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG3
Source/Host	Mouse
Species Reactivity	Human
Clone	7E22
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MSDPEMGWVPEPQTMTLGASRVELRVSCHLLDRDTLTKPHPCVLLKLYSDEQWVEVERT EVLRS CSSPVFSRVLLEYFFEEKQPVQFHVFDAEDGATSPRNDTFLGSTECTLGQIVSQ TKVTKPLLLKNGKTAGKSTITIVAEVSGTNDYVQLTFRAYKLDNKDLFSKSDPFMEIYK TNEDQSDQLVWRTEVVKNLNP SWEPFRLSLHSLCSCDVHRPLKFLVYDYDSSGKHDFIG EFTSTFQEMQEGTAN
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction

This gene encodes a member of the copine family. Members of this family are calcium-dependent, phospholipid-binding proteins with C2 domains, two calcium- and phospholipid-binding domains. Through their domain structure and lipid binding capabilities, these proteins may play a role in membrane trafficking. This protein is thought to be brain-specific and has a domain structure of two N-terminal C2 domains and one von Willebrand factor A domain. It may have a role in synaptic plasticity. [provided by RefSeq, Jul 2013]

Keywords

CPNE6; copine VI (neuronal); copine-6; N-copine;

GENE INFORMATION

Entrez Gene ID

[9362](#)

UniProt ID

[O95741](#)

Function

calcium ion binding; phosphatidylserine binding; transporter activity