

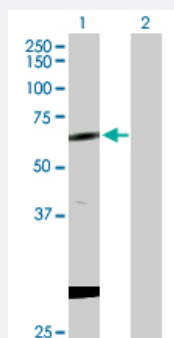
MaxPab®

CPNE1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008904-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CPNE1 expression in transfected 293T cell line ([H00008904-T02](#)) by CPNE1 MaxPab polyclonal antibody.

Lane 1: CPNE1 transfected lysate(59.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CPNE1 protein.

Immunogen

CPNE1 (NP_003906.1, 1 a.a. ~ 537 a.a) full-length human protein.

Sequence

MAHCVTLVQLSISCDHLIDKDIGSKSDPLCVLLQDVGGGSWAELGRTERVRNCSSPEFSKTLQLE
YRFETVQKLRFGYDIDNKTPELRDDDFLGGAECSLGQMSSQVLTPLMLKPGKPAGRGTTITVSAQ
ELKDNRVVTMEVEARNLDKKDFLGKSDPFLEFFRQGDGKWHLVYRSEVIKNNLNPTWKRFSVPV
QHFCGGNPSTPIQVQCSDYDSGSHDLIGTFHTSLAQLQAVPAEFECIHPEKQQKKKSYKNSGTIR
VKICRVETEYSFLDYVMGGCQINFTVGVDFTGSNGDPSSPDSLHYLSPTGVNEYLMALWSVGSV
QDYDSKDLFPAFGFGAQVPPDWQVSHEFALNFNPSNPYCAGIQGMDAYRQALPQVRLYGPTNF
APIINHVARFAAQAAHQGTASQYFMLLLLTGAVTDVEATREAVVRASNLPMMSVIVGVGGADFEA
MEQLDADGGPLHTRSGQAAARDIVQFVPYRRFQNAPREALAQTVLAEVPTQLVSYFRAQGWAPL
KPLPPSAKDPAQAPQA

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (91); Rat (91)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CPNE1

Entrez GeneID

[8904](#)

GeneBank Accession#

[NM_003915.2](#)

Protein Accession#

[NP_003906.1](#)

Gene Name

CPNE1

Gene Alias

COPN1, CPN1, MGC1142

Gene Description

copine I

Omim ID

[604205](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a calcium-dependent protein that also contains two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. However, the encoded protein does not contain a predicted signal sequence or transmembrane domains. This protein has a broad tissue distribution and it may function in membrane trafficking. This gene and the gene for RNA binding motif protein 12 overlap at map location 20q11.21. Alternate splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq]

Other Designations

OTTHUMP00000030775|OTTHUMP00000030776|copine-1