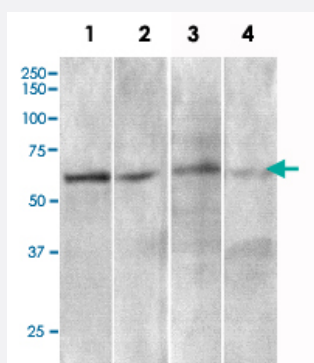


Cacng2/Cacng4/Cacng8 monoclonal antibody, clone S245-36 (APC)

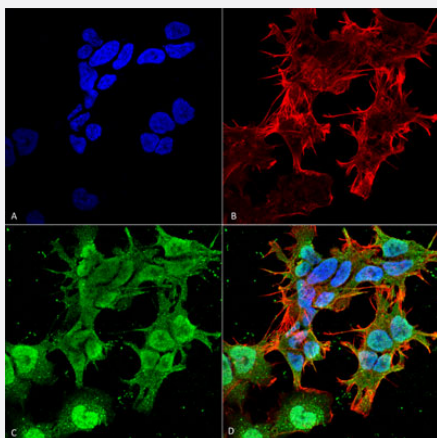
Catalog # MAB17334 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of rat brain tissue lysate (Lane 1: 1:100, Lane 2: 1:250, Lane 3: 1:500 and Lane 4: 1:1000) with Cacng2/Cacng4/Cacng8 monoclonal antibody, clone S245-36 (APC) (Cat # MAB17334).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Cacng2/Cacng4/Cacng8 monoclonal antibody, clone S245-36 (APC) (Cat # MAB17334). (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Cacng2/Cacng4/Cacng8 Antibody. (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant rat Cacng2/Cacng4/Cacng8.
Immunogen	Recombinant protein corresponding to amino acids 203-323 at C-terminus of rat Cacng2.
Host	Mouse
Reactivity	Rat

Form	Liquid
Conjugation	APC
Purification	Protein G purification
Isotype	IgG2a
Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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- Immunocytochemistry

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- Immunofluorescence

Gene Info — Cacng2

Entrez GeneID	84347
Protein Accession#	Q71RJ2;Q8VHW9;Q8VHW5
Gene Name	Cacng2
Gene Alias	lpr328
Gene Description	calcium channel, voltage-dependent, gamma subunit 2

Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	voltage-dependent calcium channel gamma-2 subunit

Gene Info — Cacng4

Entrez GeneID	140725
Protein Accession#	Q71RJ2;Q8VHW9;Q8VHW5
Gene Name	Cacng4
Gene Alias	-
Gene Description	calcium channel, voltage-dependent, gamma subunit 4
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	voltage-dependent calcium channel gamma-4 subunit

Gene Info — Cacng8

Entrez GeneID	140729
Protein Accession#	Q71RJ2;Q8VHW9;Q8VHW5
Gene Name	Cacng8
Gene Alias	-
Gene Description	calcium channel, voltage-dependent, gamma subunit 8
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent
Other Designations	voltage-dependent calcium channel gamma-8 subunit

Publication Reference

- [Cornichon-2 modulates AMPA receptor-transmembrane AMPA receptor regulatory protein assembly to dictate gating and pharmacology.](#)

Gill MB, Kato AS, Roberts MF, Yu H, Wang H, Tomita S, Bredt DS.

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- [Calpain-mediated regulation of stargazin in adult rat brain.](#)

Yu L, Rostamiani K, Hsu YT, Wang Y, Bi X, Baudry M.

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