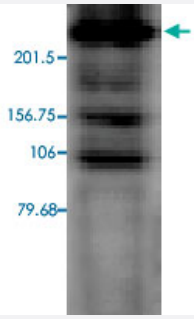
CACH2C monoclonal antibody, clone S57-46

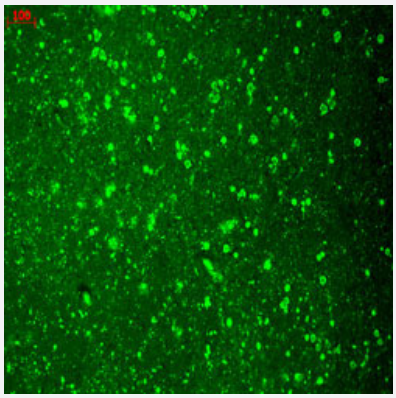
Catalog # MAB6647 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis in CACH2C transfected CHO cell lysate with CACH2C monoclonal antibody, clone S57-46 (Cat # MAB6647).



Immunofluorescence

Immunofluorescence staining of human hippocampus with CACH2C monoclonal antibody, clone S57-46 (Cat # MAB6647).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CACH2C.
Immunogen	Recombinant fusion protein corresponding to intracellular C-terminus amino acids 1507-1733 of rab bit CACH2C.
Host	Mouse
Reactivity	Human, Mouse, Rabbit, Rat
Specificity	Detects ~240KDa (varies with cell background due to glycosylation).

Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (1-10 ug/mL) Immunohistochemistry (0.1-1.0 ug/mL) Immunocytochemistry (0.1-1.0 ug/mL) Immunofluorescence (1.0-10 ug/mL) 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. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis in CACH2C transfected CHO cell lysate with CACH2C monoclonal antibody, clone S57-46 (Cat # MAB6647).

- Immunohistochemistry

- Immunofluorescence

  Immunofluorescence staining of human hippocampus with CACH2C monoclonal antibody, clone S57-46 (Cat # MAB6647).

- Immunoprecipitation

Gene Info — CACH2C

Entrez GeneID	100144322
Protein Accession#	P15381
Gene Name	CACH2C
Gene Alias	CACH2, CACN2, CACNL1A1, CCHL1A1, Cacna1c
Gene Description	cardiac L-type calcium channel
Gene Ontology	Hyperlink

Other Designations	Voltage-dependent L-type calcium channel subunit alpha-1C

Publication Reference

- Congenital long QT syndrome.

  Crotti L, Celano G, Dagradi F, Schwartz PJ.

  Orphanet Journal of Rare Diseases 2008 Jul; 3:18.

- Ca(V)1.2 calcium channel dysfunction causes a multisystem disorder including arrhythmia and autism.

  Splawski I, Timothy KW, Sharpe LM, Decher N, Kumar P, Bloise R, Napolitano C, Schwartz PJ, Joseph RM, Condouris K, Tager-Flusberg H, Priori SG, Sanguinetti MC, Keating MT.

  Cell 2004 Oct; 119(1):19.