

Product datasheet for **AP23174PU-N**

CACNG5 (43-296) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot: 1/500 - 1/3000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 43 and 296 of Human CACNG5
Specificity:	This antibody detects CACNG5 at 43-296.
Formulation:	0.1 M Tris-glycine, pH 7, 10% Glycerol, 0.01% Thimerosal State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store (in aliquots) at -20 °C. Dilute only prior to immediate use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	calcium voltage-gated channel auxiliary subunit gamma 5
Database Link:	Entrez Gene 140723 Mouse Entrez Gene 140726 Rat Entrez Gene 27091 Human Q9UF02
Background:	Regulates the gating properties of AMPA-selective glutamate receptors (AMPA). Modulates their gating properties by accelerating their rates of activation, deactivation and desensitization. Displays subunit-specific AMPA receptor regulation. Shows specificity for GRIA1, GRIA4 and the long isoform of GRIA2. Thought to stabilize the calcium channel in an inactivated (closed) state.
Synonyms:	MGC126656; MGC126682

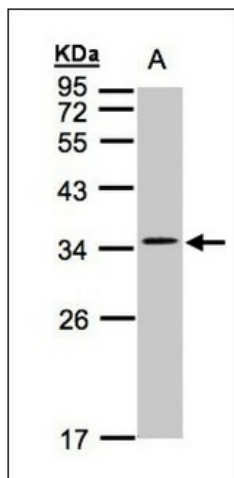


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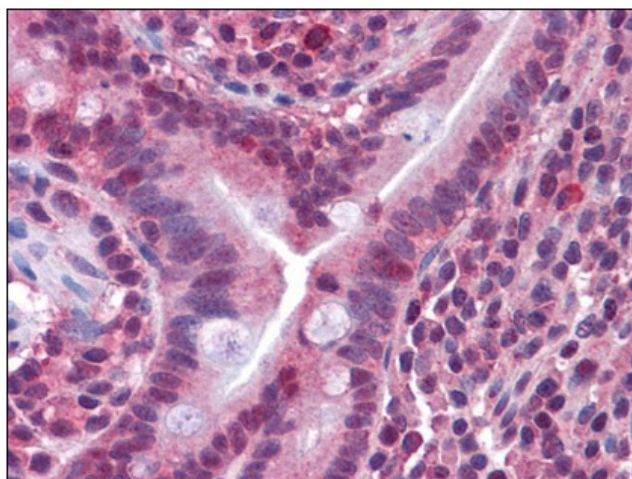
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Cardiac muscle contraction, Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM), MAPK signaling pathway

Product images:



Sample (30 ug whole cell lysate). A: Hep G2. 12% SDS PAGE. CACNG5 antibody diluted at 1:1000



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)