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## anti-KCNE2 antibody (C-Term, Intracellular)

2 Images



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Quantity:	50 μL	
Target:	KCNE2	
Binding Specificity:	AA 88-107, C-Term, Intracellular	
Reactivity:	Human, Rat, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This KCNE2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunoprecipitation (IP)	
Product Details		
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)IVEDWQQKYRSQILHLEDSK, corresponding to amino acid residues 88-107 of rat KCNE2	
Isotype:	IgG	
Characteristics:	Anti-KCNE2 (MiRP1) Antibody is directed against an epitope of human KCNE1. Anti-KCNE2 (MiRP1) Antibody (ABIN7043499, ABIN7044967 and ABIN7044968)) can be used in western blot, immunohistochemistry, immunocytochemistry and immunoprecipitation applications. It has been designed to recognize KCNE2 from rat, mouse and human samples.	
Purification:	Affinity purified on immobilized antigen.	

### **Target Details**

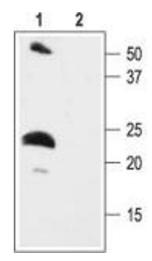
Target:	KCNE2
Alternative Name:	KCNE2 (MiRP1) (KCNE2 Products)
Background:	Alternative names: KCNE2 (MiRP1), Potassium channel subunit beta MiRP1, MinK-related peptide 1, Potassium voltage-gated channel subfamily E member 2
Gene ID:	171138
NCBI Accession:	NM_172201
UniProt:	P63161

## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

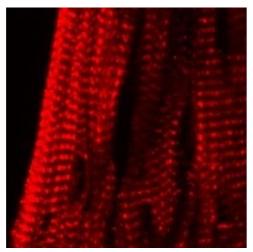
#### Handling

Format:	Lyophilized
Reconstitution:	$50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.6 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature.  Upon arrival, it should be stored at -20°C.  Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week.  For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



#### **Western Blotting**

Image 1. Western blot analysis of rat heart membranes: 1. Anti-KCNE2 (MiRP1) Antibody (ABIN7043499,
ABIN7044967 and ABIN7044968), (1:200).2. Anti-KCNE2
(MiRP1) Antibody, preincubated with KCNE2/MiRP1
Blocking Peptide (#BLP-PC054).



#### **Immunohistochemistry**

Image 2. Expression of KCNE2 in mouse heart - Immunohistochemical staining of mouse heart frozen sections using Anti-KCNE2 (MiRP1) Antibody (ABIN7043499, ABIN7044967 and ABIN7044968), (red). Immunoreactivity appears as a striated pattern in heart muscle.