

DATASHEET

KCNIP2 Rabbit Polyclonal Antibody

CAT. NO. APA14625

KEY FEATURES

Target	KCNIP2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels -type voltage-gated rapidly inactivating A-type potassium channels . Modulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner . Involved in KCND2 and KCND3 trafficking to the cell surface . May be required for the expression of I(To) currents in the heart .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

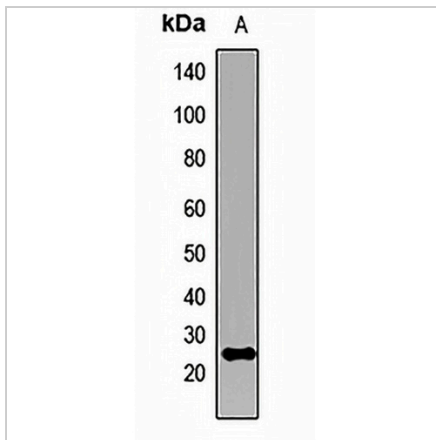
Description	Rabbit polyclonal antibody to KCNIP2
Specificity	Recognizes endogenous levels of KCNIP2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human KCNIP2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 20; Observed: 24 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KCHIP2; Kv channel-interacting protein 2; KChIP2; A-type potassium channel modulatory protein 2; Cardiac voltage-gated potassium channel modulatory subunit; Potassium channel-interacting protein 2
Gene Symbol	KCNIP2
Entrez Gene	30819(Human); 80906(Mouse); 100911951; 56817(Rat)
SwissProt	Q9NS61(Human); Q9JJ69(Mouse); Q9JM59(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of KCNIP2 expression in mouse heart (A) whole cell lysates.
(Predicted band size: 20; 21; 25; 26; 28; 30; 32 kD; Observed band size: 24 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.