

Datasheet for ABIN1387075 **anti-KCNIP2 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	KCNIP2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNIP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KChIP2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	KCNIP2
Alternative Name:	KChIP2 (KCNIP2 Products)
Background:	Synonyms: KCNIP-2, A type potassium channel modulatory protein 2, A-type potassium channel modulatory protein 2, Cardiac voltage gated potassium channel modulatory subunit, Cardiac voltage-gated potassium channel modulatory subunit, DKFZp566L1246, KChIP 2, KChIP2,

Target Details

KCIP2_HUMAN, KCNIP 2, Kcnip2, Kv channel interacting protein 2, Kv channel-interacting protein 2, MGC17241, Potassium channel interacting protein 2, Potassium channel-interacting protein 2.

Background: The downstream regulatory element, DRE, acts as a location-dependent gene silencer. DREAM (for DRE-antagonist modulator) is a Ca²⁺-regulated transcriptional repressor that specifically binds to the DRE. DREAM regulates transcription of prodynorphin and c-Fos genes and shows 99 % nucleotide homology to the Kv channel-interacting proteins (KChIPs). KChIP family members include KChIP1, which is expressed in brain, KChIP2, which is expressed in heart, brain, and lung, KChIP3 (also designated calsenilin), which is expressed in brain and testis and KChIP4.

Gene ID: 30819

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months