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Datasheet

Kcnd2 polyclonal antibody

Catalog Number: PAB15702

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant Kcnd2 (Cerebellum, Granule cell).

Immunogen: Recombinant GST fusion protein corresponding to 187 mouse Kcnd2.

Sequence:
YMQSKRNGLLSNQLQSSEDEPAFISKSGSSFETQHHH
LLHCLEKTTNHEFVDEQVFEESCMEVATVNRPSSHRP
SLSSQQGVTSTCCSRRHKKTFRIPNANVSGSHRGSVQ
ELSTIQIRCVERTPLSNSRSSLNAKMEECVKLNCEQPY
VTTAIISIPTPPVTTPEGDDRPESPEYSGGNIVRVSAL

Host: Rabbit

Reactivity: Mouse

Applications: IHC
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: Specific to recombinant protein GXD01. This antibody detects endogenous mKCND2 protein in cerebellar granule cells.

Form: Liquid

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (50% glycerol, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 16508

Gene Symbol: Kcnd2

Gene Alias: AI839615, AW555701, Kv4.2, R75121, mKIAA1044

References:

1. Mutations in the genes KCND2 and KCND3 encoding the ion channels Kv4.2 and Kv4.3, conducting the cardiac fast transient outward current (ITO,f), are not a frequent cause of long QT syndrome. Frank-Hansen R, Larsen LA, Andersen P, Jespersgaard C, Christiansen M. Clin Chim Acta. 2005 Jan;351(1-2):95-100.
2. A comprehensive approach for establishment of the platform to analyze functions of KIAA proteins II: public release of inaugural version of InGaP database containing gene/protein expression profiles for 127 mouse KIAA genes/proteins. Koga H, Yuasa S, Nagase T, Shimada K, Nagano M, Imai K, Ohara R, Nakajima D, Murakami M, Kawai M, Miki F, Magae J, Inamoto S, Okazaki N, Ohara O. DNA Res. 2004 Aug 31;11(4):293-304.
3. High-throughput production of recombinant antigens for mouse KIAA proteins in Escherichia coli: computational allocation of possible antigenic regions, and construction of expression plasmids of glutathione-S-transferase-fused antigens by an in vitro recombination-assisted method. Hara Y, Shimada K, Kohga H, Ohara O, Koga H. DNA Res. 2003 Jun 30;10(3):129-36.