

Anti-Kv4.1 (N588) KCND1 Antibody

Catalog Number: A11599

About KCND1

Appears to play multiple roles in cell cycle progression, cytokinesis and apoptosis. The p110 isoforms have been suggested to be involved in pre-mRNA splicing, potentially by phosphorylating the splicing protein SFRS7. The p58 isoform may act as a negative regulator of normal cell cycle progression.

Bunnell B.A., Proc. Natl. Acad. Sci. U.S.A. 87:7467-7471(1990).

Eipers P.G., Genomics 13:613-621(1992).

Xiang J., J. Biol. Chem. 269:15786-15794(1994).

Overview

Product Name	Anti-Kv4.1 (N588) KCND1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Kv4.1 (N588) KCND1 Antibody catalog # A11599. Tested in WB,IHC applications. This antibody reacts with Human,Mouse.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NSA2

Technical Details

Immunogen	Synthesized peptide derived from human GK2
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

IHC: 1:50-1:200

Anti-Kv4.1 (N588) KCND1 Antibody (A11599) Images

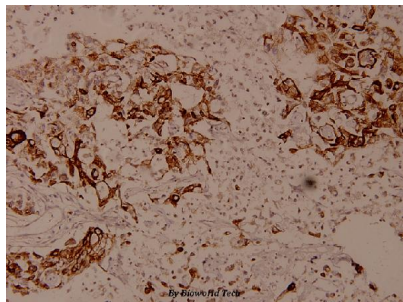


Figure 1. Immunohistochemistry validation of KCND1 using Anti-Kv4.1 (N588) KCND1 Antibody (A11599).

Immunohistochemistry (IHC) analyzes of Kv4.1 (N588) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

For more protocol information of IHC

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