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KCNRG Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11851b

Specification

KCNRG Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q8N5I3
Other Accession	NP_005789.2, NP_001007279.1, NP_775876.1
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**31048**
Antigen Region	**175-202**

KCNRG Antibody (C-term) - Additional Information

Gene ID 283518

Other Names
Potassium channel regulatory protein, Potassium channel regulator, Protein CLLD4, KCNRG, CLLD4

Target/Specificity
This KCNRG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 175-202 amino acids from the C-terminal region of human KCNRG.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KCNRG Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KCNRG Antibody (C-term) - Protein Information

Name KCNRG

Synonyms CLLD4

Function Inhibits potassium fluxes in cells. May regulate Kv1 family channel proteins by retaining a fraction of channels in endomembranes.

Cellular Location
Endoplasmic reticulum

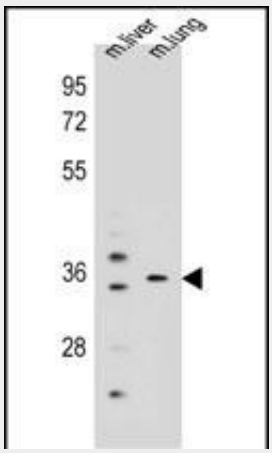
Tissue Location
Ubiquitous in normal tissues and expressed in some tumor tissues.

KCNRG Antibody (C-term) - Protocols

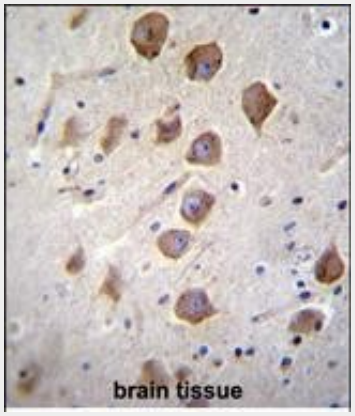
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KCNRG Antibody (C-term) - Images



KCNRG Antibody (C-term) (Cat. #AP11851b) western blot analysis in mouse liver,lung tissue lysates (35ug/lane).This demonstrates the KCNRG antibody detected the KCNRG protein (arrow).



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KCNRG Antibody (C-term) (Cat. #AP11851b)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of KCNRG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

KCNRG Antibody (C-term) - Background

This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Multiple alternatively spliced transcript variants have been found for this gene.

KCNRG Antibody (C-term) - References

Lerner, M., et al. Mol. Biol. Cell 18(5):1670-1682(2007)
Skoblov, M., et al. Biochem. Biophys. Res. Commun. 342(3):859-866(2006)
Corcoran, M.M., et al. Genes Chromosomes Cancer 40(4):285-297(2004)
Dunham, A., et al. Nature 428(6982):522-528(2004)
van Everdink, W.J., et al. Cancer Genet. Cytogenet. 146(1):48-57(2003)