

KCTD3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13318b**Specification**

KCTD3 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9Y597](#)**KCTD3 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 51133**Other Names**

BTB/POZ domain-containing protein KCTD3, Renal carcinoma antigen NY-REN-45, KCTD3

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13318b was selected from the C-term region of KCTD3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KCTD3 Antibody (C-term) Blocking peptide - Protein Information**Name** KCTD3**Function**

Accessory subunit of potassium/sodium hyperpolarization- activated cyclic nucleotide-gated channel 3 (HCN3) up-regulating its cell-surface expression and current density without affecting its voltage dependence and kinetics.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q8BFX3}.

Tissue Location

Broadly expressed in normal tissues.

KCTD3 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KCTD3 Antibody (C-term) Blocking peptide - Images

KCTD3 Antibody (C-term) Blocking peptide - Background

KCTD3 belongs to the KCTD3 family. It contains one BTB (POZ) domain and five WD repeats. The exact function of KCTD3 is not known. There are three named isoforms.

KCTD3 Antibody (C-term) Blocking peptide - References

Lehner, B., et al. Genome Res. 14(7):1315-1323(2004) Scanlan, M.J., et al. Int. J. Cancer 83(4):456-464(1999)