

**KCTD12 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9273c****Specification**

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**KCTD12 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q96CX2](#)**KCTD12 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 115207**Other Names**

BTB/POZ domain-containing protein KCTD12, Pfetin, Predominantly fetal expressed T1 domain, KCTD12, C13orf2, KIAA1778, PFET1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9273c](/products/AP9273c) was selected from the Center region of human KCTD12. 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.

**KCTD12 Antibody (Center) Blocking Peptide - Protein Information****Name** KCTD12**Synonyms** C13orf2, KIAA1778, PFET1**Function**

Auxiliary subunit of GABA-B receptors that determine the pharmacology and kinetics of the receptor response. Increases agonist potency and markedly alter the G-protein signaling of the receptors by accelerating onset and promoting desensitization (By similarity).

**Cellular Location**

Presynaptic cell membrane. Postsynaptic cell membrane

**Tissue Location**

Present in a variety of fetal organs, with highest expression levels in the cochlea and brain and, in

stark contrast, is detected only at extremely low levels in adult organs, such as brain and lung.

### **KCTD12 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **KCTD12 Antibody (Center) Blocking Peptide - Images**

### **KCTD12 Antibody (Center) Blocking Peptide - References**

Drenos,F., et.al., Hum. Mol. Genet. 18 (12), 2305-2316 (2009) Suehara,Y., et.al., Clin. Cancer Res. 14 (6), 1707-1717 (2008) Cauchi,S., et.al., J. Mol. Med. 86 (3), 341-348 (2008)