

**CCDC134 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13242b****Specification**

---

**CCDC134 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q9H6E4](#)**CCDC134 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 79879**Other Names**

Coiled-coil domain-containing protein 134, CCDC134

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13242b was selected from the C-term region of CCDC134. 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.

**CCDC134 Antibody (C-term) Blocking peptide - Protein Information****Name** CCDC134**Function**

In extracellular secreted form, promotes proliferation and activation of CD8(+) T cells, suggesting a cytokine-like function (PubMed:<a href="http://www.uniprot.org/citations/25125657" target="\_blank">25125657</a>). Enhances cytotoxic anti-tumor activity of CD8(+) T cells (PubMed:<a href="http://www.uniprot.org/citations/25125657" target="\_blank">25125657</a>). May inhibit ERK and JNK signaling activity (PubMed:<a href="http://www.uniprot.org/citations/18087676" target="\_blank">18087676</a>, PubMed:<a href="http://www.uniprot.org/citations/23070808" target="\_blank">23070808</a>). May suppress cell migration and invasion activity, via its effects on ERK and JNK signaling (PubMed:<a href="http://www.uniprot.org/citations/23070808" target="\_blank">23070808</a>). Has a critical role in the regulation of osteogenesis and bone development (PubMed:<a href="http://www.uniprot.org/citations/32181939" target="\_blank">32181939</a>).

**Cellular Location**

Nucleus. Cytoplasm. Secreted Endoplasmic reticulum. Note=Accumulates in the nucleus in response to UV irradiation (PubMed:22644376)

**Tissue Location**

Expressed in cervical gland, cervical squamous epithelium, endometrium, stomach, kidney distal convoluted tubule, spermatogenic cells in testis, mammary gland, liver and striated muscle (at protein level) (PubMed:18087676, PubMed:23070808). Also detected in placenta (PubMed:18087676). Highest expression in testis relative to other tissues (PubMed:18087676). Detected in T cells and dendritic cells; highly expressed in activated CD8(+) T cells, and also expressed at lower levels in CD4(+) T cells (PubMed:25125657)

**CCDC134 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**CCDC134 Antibody (C-term) Blocking peptide - Images****CCDC134 Antibody (C-term) Blocking peptide - Background**

The specific function of this protein remains unknown.

**CCDC134 Antibody (C-term) Blocking peptide - References**

Huang, J., et al. Cell. Mol. Life Sci. 65(2):338-349(2008) Lim, J., et al. Cell 125(4):801-814(2006) Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :Dunham, I., et al. Nature 402(6761):489-495(1999)