

**CCDC134 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13242b****Specification**

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**CCDC134 Antibody (C-term) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">O9H6E4</a>
Other Accession	<a href="#">O5M862</a> , <a href="#">NP_079097.1</a>
Reactivity	<b>Human</b>
Predicted	<b>Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>26561</b>
Antigen Region	<b>197-225</b>

**CCDC134 Antibody (C-term) - Additional Information****Gene ID** 79879**Other Names**

Coiled-coil domain-containing protein 134, CCDC134

**Target/Specificity**

This CCDC134 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-225 amino acids from the C-terminal region of human CCDC134.

**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**

CCDC134 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCDC134 Antibody (C-term) - Protein Information****Name** CCDC134

**Function** In extracellular secreted form, promotes proliferation and activation of CD8(+) T cells, suggesting a cytokine-like function (PubMed:[25125657](#)). Enhances cytotoxic anti-tumor activity of CD8(+) T cells (PubMed:[25125657](#)). May inhibit ERK and JNK signaling activity (PubMed:[18087676](#), PubMed:[23070808](#)). May suppress cell migration and invasion activity, via its effects on ERK and JNK signaling (PubMed:[23070808](#)). Has a critical role in the regulation of osteogenesis and bone development (PubMed:[32181939](#)).

#### Cellular Location

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

#### Tissue Location

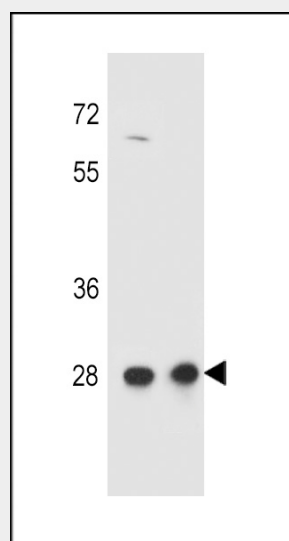
Expressed in cervical gland, cervical squamous epithelium, endometrium, stomach, kidney distal convoluted tubule, spermatogenic cells in testis, mammary gland, liver and striated muscle (at protein level) (PubMed:[18087676](#), PubMed:[23070808](#)). Also detected in placenta (PubMed:[18087676](#)). 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) - Protocols

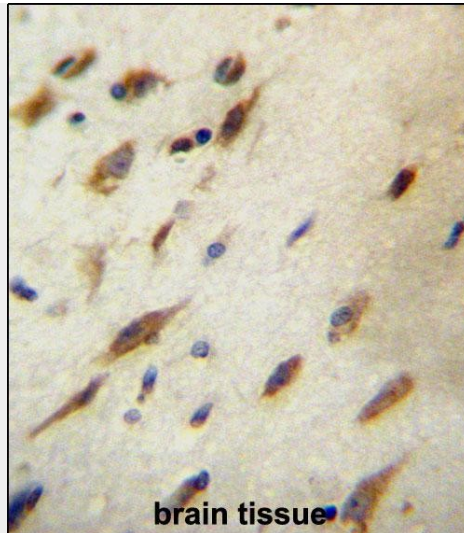
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CCDC134 Antibody (C-term) - Images



CCDC134 Antibody (C-term) (Cat. #AP13242b) western blot analysis in HepG2,CEM cell line lysates (35ug/lane).This demonstrates the CCDC134 antibody detected the CCDC134 protein (arrow).



CCDC134 Antibody (C-term) (Cat. #AP13242b) 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 CCDC134 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **CCDC134 Antibody (C-term) - Background**

The specific function of this protein remains unknown.

#### **CCDC134 Antibody (C-term) - 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)