

**CCDC134 Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS13532****Specification**

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**CCDC134 Antibody (N-Terminus) - Product Information**

Application	IF
Primary Accession	<a href="#">O9H6E4</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

**CCDC134 Antibody (N-Terminus) - Additional Information****Gene ID** 79879**Other Names**

Coiled-coil domain-containing protein 134, CCDC134

**Target/Specificity**

Human CCDC134

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

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

**CCDC134 Antibody (N-Terminus) - 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**

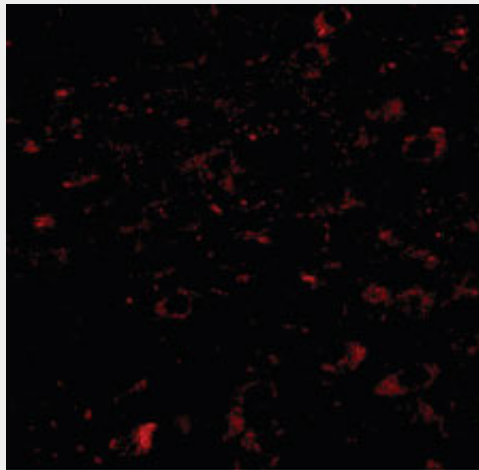
Expressed in cervical gland, cervical squamous epithelium, endometrium, stomach, kidney distal convoluted tubule, spermatogenic cells in testis, mammary gland, liver and striated muscle (at protein level) (PubMed:18087676, PubMed:23070808). Also detected in placenta (PubMed:18087676). Highest expression 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 (N-Terminus) - 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 (N-Terminus) - Images**



Immunofluorescence of CDCC134 in human brain tissue with CDCC134 antibody at 20 ug/ml.

#### **CCDC134 Antibody (N-Terminus) - References**

Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Dunham I.,et al.Nature 402:489-495(1999).  
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).