

## CCDC134 Antibody

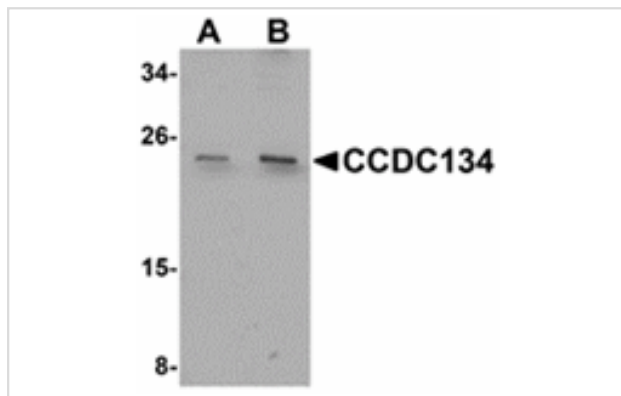
Catalog No: #24933

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

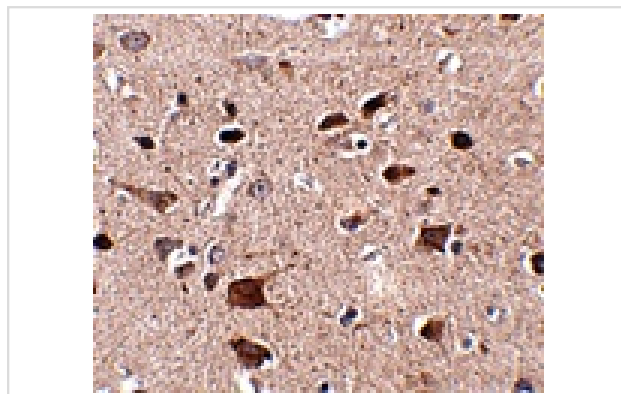
## Description

Product Name	CCDC134 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the amino terminus of human CCDC134.
Target Name	CCDC134
Other Names	CCDC134, Coiled-coil domain containing 134
Accession No.	NP_079097
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of CCDC134 in rat brain tissue lysate with CCDC134 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of CCDC134 in human brain tissue with CCDC134 antibody at 2.5 ug/mL.

## Background

---

The coiled-coil domain is a common protein motif that is often involved in protein oligomerization and is found in proteins such as transcription factors and intermediate filaments. One such protein is CCDC134, a recently identified secretory protein that has been found to inhibit the transcriptional activity of the Elk1 protein. Overexpression CCDC134 also inhibited the phosphorylation of Erk and JNK/SAPK but not p38 MAPK, while specific siRNA against CCDC134 activated Elk1 transcriptional activity and the phosphorylation of Erk and JNK/SAPK, suggesting a potential inhibiting role of CCDC134 in MAPK-mediated Elk1 transcription. CCDC134 is widely expressing in normal adult tissues, tumors, and cell lines.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.