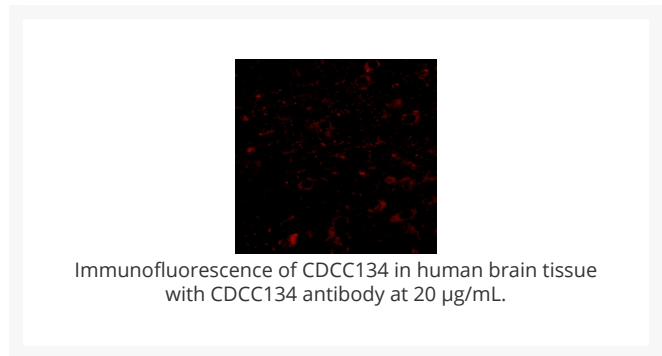
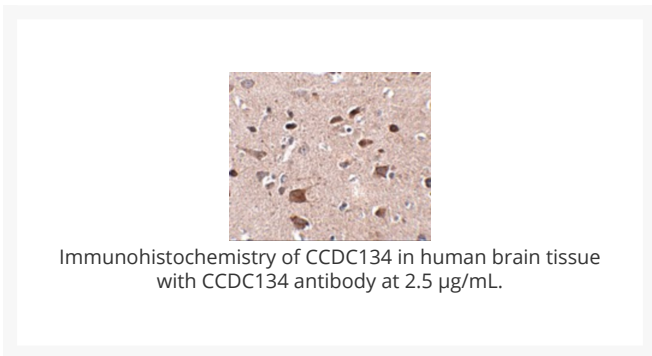
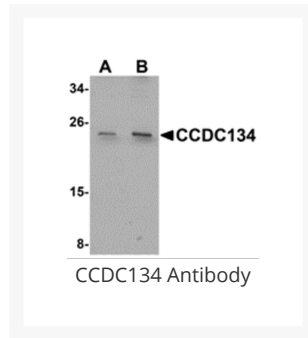




CCDC134 Antibody

Cat. No.: 5265



Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat
IMMUNOGEN:	CCDC134 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human CCDC134. The immunogen is located within the first 50 amino acids of CCDC134.
TESTED APPLICATIONS:	ELISA, IF, IHC-P, WB

APPLICATIONS:	CCDC134 antibody can be used for detection of CCDC134 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
POSITIVE CONTROL:	1) Cat. No. 1463 - Rat Brain Tissue Lysate
	2) Cat. No. 10-301 - Human Brain Tissue Slide

Ψ Properties

PURIFICATION:	CCDC134 Antibody is affinity chromatography purified via peptide column.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	CCDC134 Antibody is supplied in PBS containing 0.02% sodium azide.
CONCENTRATION:	1 mg/mL
STORAGE CONDITIONS:	CCDC134 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.

Ψ Additional Info

OFFICIAL SYMBOL:	CCDC134
ALTERNATE NAMES:	CCDC134 Antibody: dj821D11.3, Coiled-coil domain-containing protein 134
ACCESSION NO.:	NP_079097
PROTEIN GI NO.:	13376216
GENE ID:	79879
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:	CCDC134 Antibody: 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.
REFERENCES:	1) Steinmetz MO, Jelesarov I, Matousek WM, et al. Molecular basis of coiled-coil formation. Proc. Natl. Acad. Sci. USA2007; 104:7062-7.
	2) Huang J, Shi T, Ma T, et al. CCDC134, a novel secretory protein, inhibits activation of ERK and JNK, but not p38 MAPK. Cell. Mol. Life Sci.2008; 65:338-49.

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