

Anti-CCDC134 Antibody

Catalog Number: A14619

About CCDC134

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.

Overview

Product Name	Anti-CCDC134 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CCDC134 Antibody (Catalog # A14619). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	CCDC134 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9H6E4

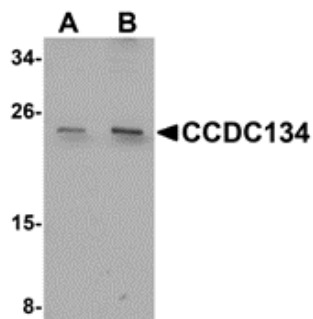
Technical Details

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.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CCDC134 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CCDC134 antibody can be used for detection of CCDC134 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at

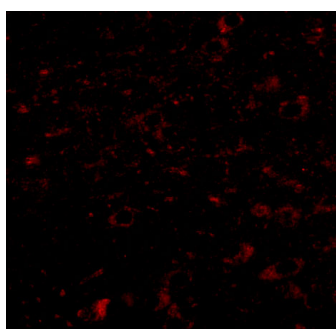
20 ug/mL.

Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

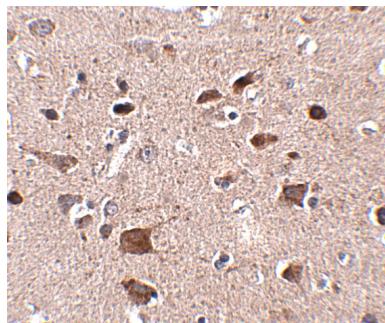
Anti-CCDC134 Antibody (A14619) Images



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



Immunofluorescence of CCDC134 in human brain tissue with CCDC134 antibody at 20 ug/mL.



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

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Anti-CCDC134 Antibody

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