Datasheet for ABIN499587

anti-CCDC134 antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	CCDC134
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCDC134 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	CCDC134 antibody was raised against a 17 amino acid peptide near the amino terminus of human CCDC134.
Isotype:	IgG
Specificity:	This antibody reacts to CCDC134.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CCDC134
Alternative Name:	CCDC134 (CCDC134 Products)

Target Details

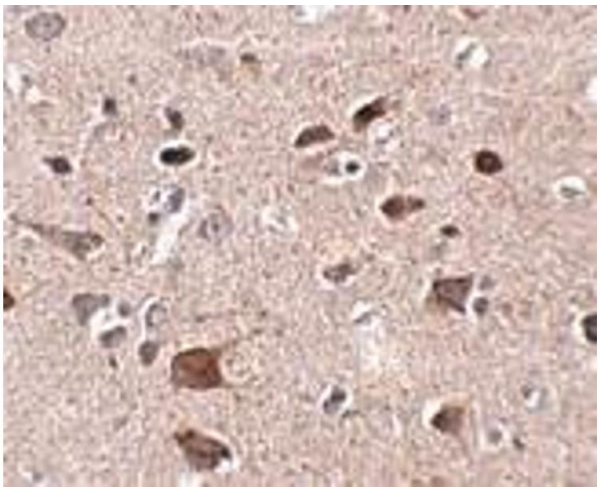
Background:	The coiled-coil domain is a common protein motif that is often involved in protein oligomerization and is found in proteins such as transcription factors and intermediate filaments. One such protein is CCDC134, a recently identified secretory protein that has been found to inhibit the transcriptional 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.Synonyms: Coiled-coil domain-containing protein 134
Gene ID:	79879
NCBI Accession:	NP_079097
UniProt:	Q9H6E4

Application Details

Application Notes:	ELISA. Western Blot: CCDC134 antibody can be used for detection of CCDC134 at 1 - 2 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

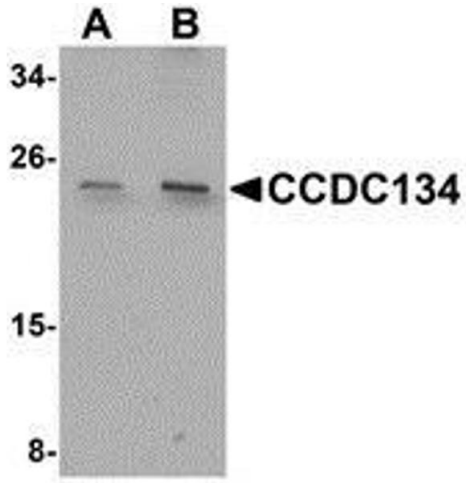
Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of CCDC134 in human brain tissue with CCDC134 antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of CCDC134 in rat brain tissue lysate with AP30210PU-N CCDC134 antibody at (A) 1 and (B) 2 µg/ml.