ELK Biotechnology

CCDC102B rabbit pAb

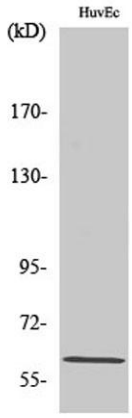
Cat No.:ES1885

For research use only

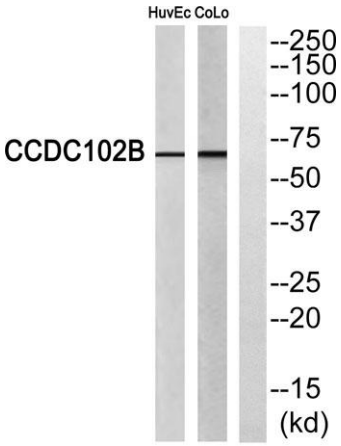
Overview

Product Name	CCDC102B rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CCDC102B. AA range:81-130
Specificity	CCDC102B Polyclonal Antibody detects endogenous levels of CCDC102B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Coiled-coil domain-containing protein 102B
Gene Name	CCDC102B
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	79839
Human Swiss-Prot Number	Q68D86
Alternative Names	CCDC102B; C18orf14; Coiled-coil domain-containing protein 102B
Background	CCDC102B (coiled-coil domain containing 102B), also known as AN, ACY1L or HsT1731, is a 513 amino acid protein that exists as three alternatively spliced isoforms. Widely expressed and found in multiple CNV (copy-number variant) regions, CCDC102B

contains the deletion breakpoint of a maternally inherited deletion, which is 2.7 Mb in size, and maps to human chromosome 18q22.1. CCDC102B may play a role in the pathogenesis of diaphragmatic hernia, microphthalmia, colorectal carcinoma and schizophrenia. Encoding over 300 genes, chromosome 18 contains about 76 million bases. Translocation between chromosomes 18 and 14 is the most common translocation in cancers and occurs in follicular lymphomas. Niemann-Pick disease, hereditary hemorrhagic telangiectasia and erythropoietic protoporphyria are associated with chromosome 18.



Western Blot analysis of various cells using CCDC102B Polyclonal Antibody diluted at 1:1000



Western blot analysis of CCDC102B Antibody. The lane on the right is blocked with the CCDC102B peptide.

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C

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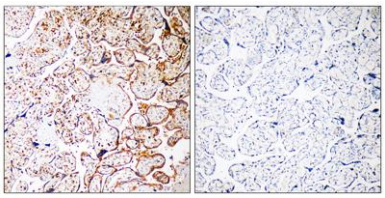
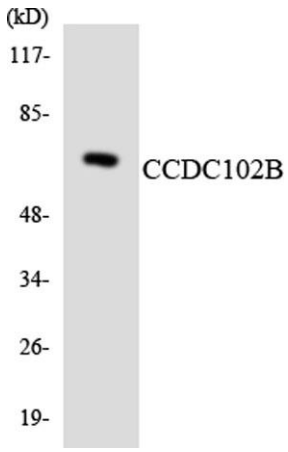
Immunohistochemistryt analysis of paraffin-embedded human placenta, using CCDC102B Antibody. The lane on the right is blocked with the CCDC102B peptide.





Western blot analysis of the lysates from HUVECcells using CCDC102B antibody.

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