



CCDC102B Polyclonal Antibody

Catalog No	YP-Ab-01595
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CCDC102B
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACY1L;C18orf14;CCDC102B;Coiled-coil domain-containing protein 102B
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	
Tissue Specificity	Lung,Salivary gland,Testis,
Function	
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.

matters needing attention

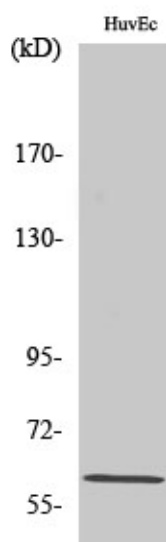
Avoid repeated freezing and thawing!

Usage suggestions

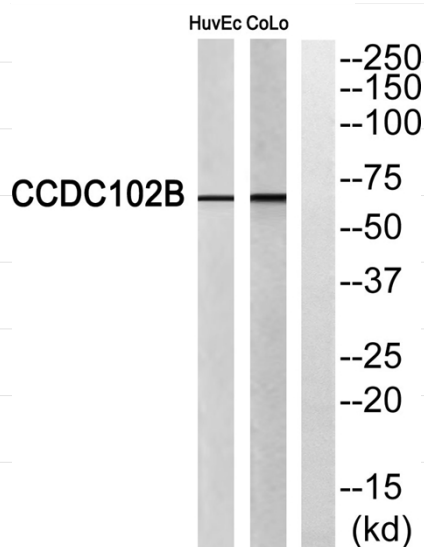
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



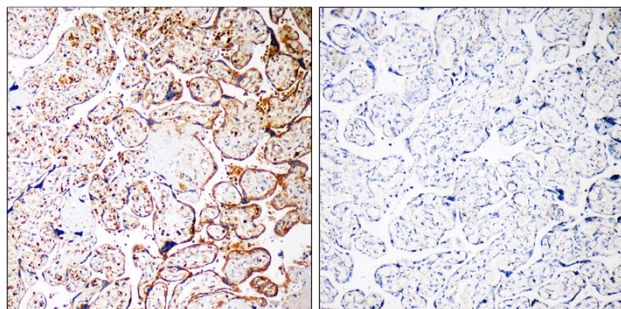
Products Images



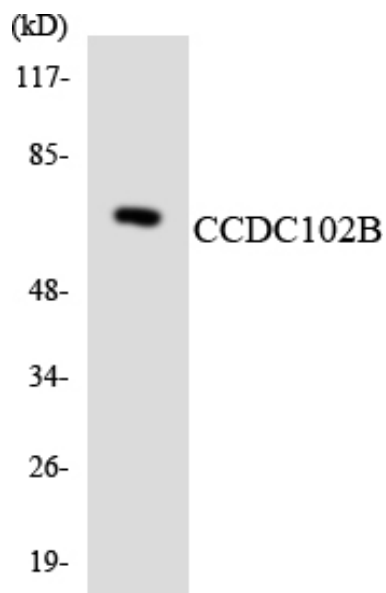
Western Blot analysis of various cells using CCDC102B Polyclonal Antibody diluted at 1:1000



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



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.