

Rabbit anti-Human CCDC181 Polyclonal Antibody | anti-CCDC181 antibody

CCDC181 Antibody

CATALOG # AAA310323	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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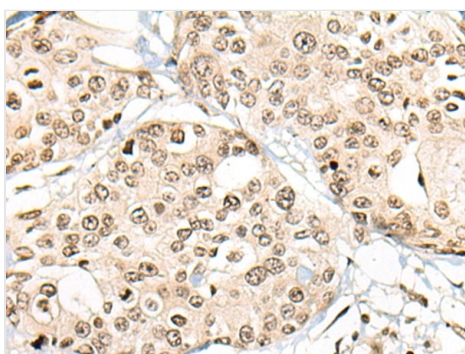
PRODUCT SYNONYMS

CCDC181; Polyclonal Antibody; CCDC181 Antibody; C1orf114; anti-CCDC181 antibody

PRODUCT SPECIFICATIONS

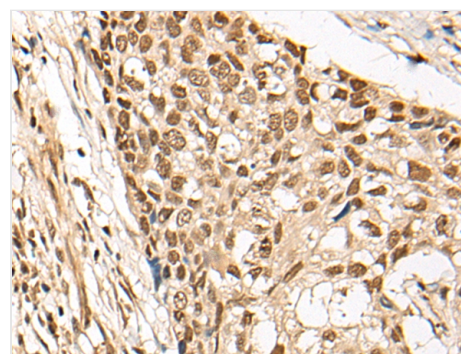
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CCDC181 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8mg/ml (varies by lot)
Sequence Length	1667
Applicable Applications for anti-CCDC181 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human CCDC181
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



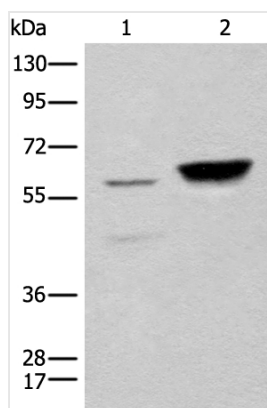
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 46420(CCDC181 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the right is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46420(CCDC181 Antibody) at dilution 1/30, on the left is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg, Lane 1-2: K562 cell and Mouse testis tissue lysates,
Primary antibody: 46420E (CCDC181 Antibody) at dilution 1/250 dilution, Secondary
antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CCDC181 antibody	CCDC181, also known as C1orf114, chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. A breakpoint has been identified in 1q which disrupts the DISC1 gene and is linked to schizophrenia. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma. The C1orf114 gene product has been provisionally designated C1orf114 pending further characterization.
Product Categories/Family for anti-CCDC181 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	34190387
NCBI GeneID	57821
UniProt Accession #	Q5TID7; O60780; Q53FD5; Q5TID9; Q8TC48
Molecular Weight	60 kDa
NCBI Official Full Name	Homo sapiens chromosome 1 open reading frame 114, mRNA
NCBI Official Synonym Full Names	coiled-coil domain containing 181
NCBI Official Symbol	CCDC181
NCBI Official Synonym Symbols	C1orf114
NCBI Protein Information	coiled-coil domain-containing protein 181
UniProt Protein Name	Coiled-coil domain-containing protein 181
UniProt Gene Name	CCDC181

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.