

Rabbit anti-Human CCDC90B Polyclonal Antibody | anti-CCDC90B antibody

Anti-CCDC90B Antibody, Rabbit Polyclonal

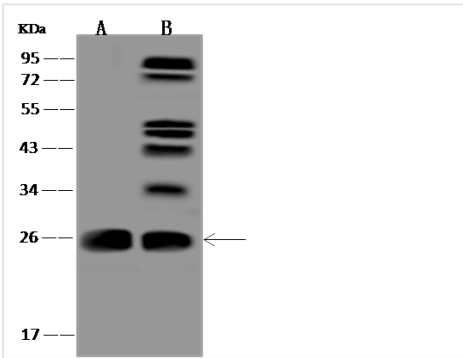
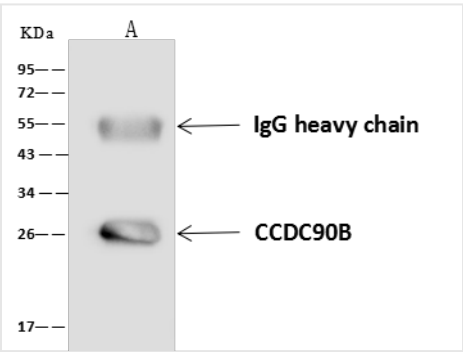
CATALOG # AAA256128	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CCDC90B; Polyclonal Antibody; Anti-CCDC90B Antibody; Rabbit Polyclonal; CCDC90B Antibody; Rabbit PAb; Antigen Affinity Purified; coiled-coil domain containing 90B; Anti-MDS011 Antibody; Anti-MDS025 Antibody; anti-CCDC90B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CCDC90B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CCDC90B antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human CCDC90B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CCDC90B fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
CCDC90B was immunoprecipitated using: Lane A: 0.5 mg U-251MG Whole Cell Lysate 4 uL anti-CCDC90B rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-CCDC90B rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 26 kDa.

WB (Western Blot)
Anti-CCDC90B rabbit polyclonal antibody at 1:500 dilution. Lane A: MCF7 Whole Cell Lysate. Lane B: U-251MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 30 kDa. Observed band size: 26 kDa. (We are unsure as to the identity of these extra bands.)

ADDITIONAL INFORMATION

Related Product Information for anti-CCDC90B antibody	The CCDC90B (coiled-coil domain containing 90B) gene, located on 11q14.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. An important paralog of this gene is MCUR1. The encoded protein is characterized by the presence of a domain of the unknown function, DUF1640. This domain is a characteristic of the entire protein except for the first twenty-three amino acid residues- MNSRQAWRLFLSQGRGDRWVSRP-which are a mitochondrial targeting site and cleaved. The protein is predicted to contain at least three specific phosphorylation sites: Protein Kinase C Phosphorylation sites, Casein Kinase II Phosphorylation sites, and cAMP/cGMP Dependent Phosphorylation sites. CCDC90B is commonly expressed in the testis, adrenal glands, and 25 other tissues. Diseases associated with CCDC90B include Oculauricular Syndrome and Osteochondrosis.
References	Xiao T, et al. (2018) Estrogen-regulated feedback loop limits the efficacy of estrogen receptor-targeted breast cancer therapy. Proc Natl Acad Sci U S A 115 (31): 7869-7878. Tomar D, et al. (2016) Mcur1 is a scaffold factor for the mcur complex function and promotes mitochondrial bioenergetics. Cell Rep 15 (8): 1673-1685. Adlakha J, et al. (2019) Characterization of mcur-binding proteins mcur1 and ccdc90b-representatives of a protein family conserved in prokaryotes and eukaryotic organelles. Structure 27 (3): 464-475.e466.

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.