

Rabbit anti-Human C1D Polyclonal Antibody | anti-C1D antibody

Anti-C1D Antibody, Rabbit Polyclonal

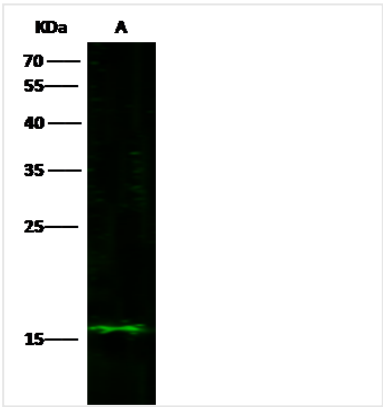
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255572	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

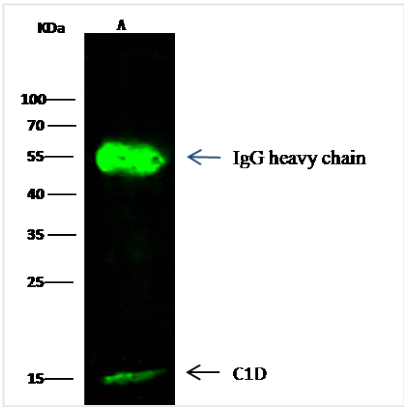
C1D; Polyclonal Antibody; Anti-C1D Antibody; Rabbit Polyclonal; C1D Antibody; Rabbit PAb; Antigen Affinity Purified; C1D nuclear receptor corepressor; Anti-hC1D Antibody; Anti-LRP1 Antibody; Anti-Rrp47 Antibody; Anti-SUN-CoR Antibody; Anti-SUNCOR Antibody; anti-C1D antibody

PRODUCT SPECIFICATIONS

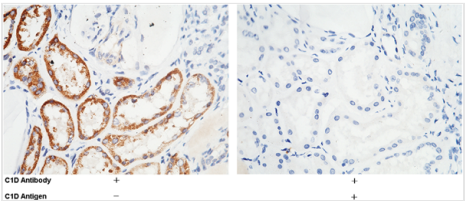
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human C1D
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-C1D antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human C1D protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human C1D (rh C1D). C1D specific IgG was purified by Human C1D 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. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-C1D rabbit polyclonal antibody at 1:500 dilutionLane A: Hela Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:16 kDaObserved band size:15 kDa



IP (Immunoprecipitation)
C1D was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell Lysate2 uL anti-C1D rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-C1D rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 15 kDaObserved band size: 15 kDa



IHC (Immunohistochemistry)
Immunochemical staining of human C1D in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

ADDITIONAL INFORMATION

Related Product Information for anti-C1D antibody	C1D nuclear receptor corepressor belongs to the C1D family. It is a DNA binding and apoptosis-inducing protein.C1D nuclear receptor corepressorinteracts with TSNAX and DNA-PKcs. It acts as a corepressor for the thyroid hormone receptor. It is thought that C1D nuclear receptor corepressor regulates TRAX/Translin complex formation. It is expressed in kidney, heart, brain, spleen, lung, testis, liver and small intestine. It plays a role in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA; this function may include MPHOSPH6. It potentiates transcriptional repression by NR1D1 and THRB. C1D nuclear receptor corepressorcan activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. It also can induce apoptosis in a p53/TP53 dependent manner.
Product Categories/Family for anti-C1D antibody	Apoptosis Transcription Factors and Regulators
References	Schilders G, et al. (2007) C1D is a major autoantibody target in patients with the polymyositis-scleroderma overlap syndrome. Arthritis Rheum.56(7):2449-54.Schilders G, et al. (2007) C1D and hMtr4p associate with the human exosome subunit PM/Scf-100 and are involved in pre-rRNA processing. Nucleic Acids Res. 35(8):2564-72.Erdemir T, et al. (2002) DNA damage-dependent interaction of the nuclear matrix protein C1D with Translin-associated factor X (TRAX). J Cell Sci. 115(Pt 1):207-16.

NCBI AND UNIPROT INFORMATION

NCBI GI #	298231253
NCBI GeneID	10438
NCBI Accession #	NP_001177192.1
NCBI GenBank Nucleotide #	NM_001190263.1

UniProt Accession #	Q13901 ; Q05D64 ; A8K336 ; D6W5F8
Molecular Weight	16,019 Da
NCBI Official Full Name	nuclear nucleic acid-binding protein C1D
NCBI Official Synonym Full Names	C1D nuclear receptor corepressor
NCBI Official Symbol	C1D
NCBI Official Synonym Symbols	LRP1; hC1D; Rrp47; SUNCOR; SUN-CoR
NCBI Protein Information	nuclear nucleic acid-binding protein C1D; C1D DNA-binding protein; C1D nuclear receptor co-repressor; nuclear DNA-binding protein; small unique nuclear receptor co-repressor; small unique nuclear receptor corepressor
UniProt Protein Name	Nuclear nucleic acid-binding protein C1D
UniProt Gene Name	C1D
UniProt Synonym Gene Names	hC1D
UniProt Entry Name	C1D_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/c1d-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255572>