



# C1D Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07056
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	C1D
<b>Protein Name</b>	Nuclear nucleic acid-binding protein C1D (hC1D)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	C1D Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	15kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . Nucleus, nucleolus . EXOSC10 is required for nucleolar localization (PubMed:17412707). Colocalizes with TSNAX in the nucleus (PubMed:11801738). .
<b>Tissue Specificity</b>	Ubiquitous. Expressed at very high levels in the hippocampus, medulla oblongata, mammary gland, thyroid and salivary gland. Expressed at high levels in the fetal; lung, liver and kidney. Expressed at low levels in skeletal muscle, appendix, heart, lung and colon.
<b>Function</b>	function:Plays a role in the recruitment of the exosome to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA. Forms a multi-subunit complex with MPP6 and EXOSC10 and this complex along with MTR4 is required for the 3'-5' end processing of the 5.8S rRNA. Can activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. Can induce apoptosis in a TP53/p53 dependent manner. May regulate the TRAX/TSN complex formation. Potentiates transcriptional repression by NR1D1 and THRB.,induction:By gamma-radiation.,PTM:Phosphorylated by PRKDC.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the C1D family.,subcellular location:EXOSC10 is required for nucleolar localization.,subunit:Monomer and homodimer. Interacts with NR1D1, THRA, THRB, NCOR1 and NCOR2 (By similarity). Interacts with EXOSC10. Forms a



heterotrimer

**Background**

The protein encoded by this gene is a DNA binding and apoptosis-inducing protein and is localized in the nucleus. It is also a Rac3-interacting protein which acts as a corepressor for the thyroid hormone receptor. This protein is thought to regulate TRAX/Translin complex formation. Alternate splicing results in multiple transcript variants that encode the same protein. Multiple pseudogenes of this gene are found on chromosome 10.[provided by RefSeq, Jun 2010],

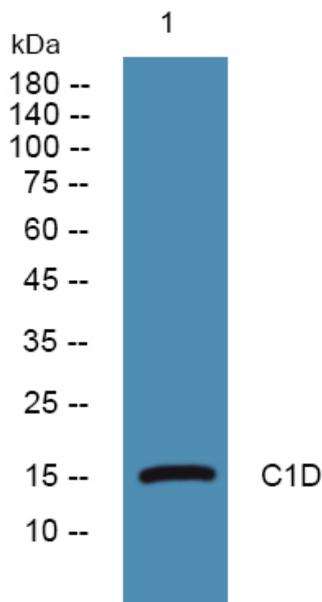
**matters needing attention**

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 lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night