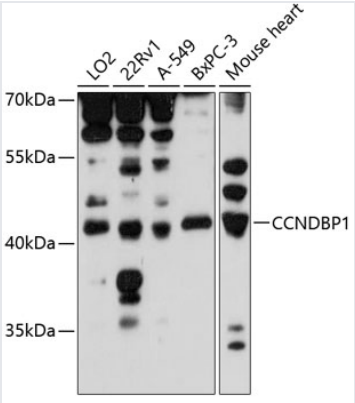
CCNDBP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CCNDBP1, Polyclonal Antibody
Full Product Name	CCNDBP1 Polyclonal Antibody
Product Gene Name	anti-CCNDBP1 antibody
Product Synonym Names	CCNDBP1; DIP1; GCIP; HHM; cyclin-D1-binding protein 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 50% glycerol, pH7.4
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	22,714 Da
OMIM	607089
3D Structure	ModBase 3D Structure for O95273
Immunogen	Recombinant fusion protein of human CCNDBP1 (NP_036274.3).
Conjugation	Unconjugated
Product Categories/Family for anti-CCNDBP1 antibody	Total protein Ab
Applications Tested/Suitable for anti-CCNDBP1 antibody	Western Blot (WB)
Application Notes for anti-CCNDBP1 antibody	WB: 1:500-1:2000
Related Product Information for anti-CCNDBP1 antibody	This gene was identified by the interaction of its gene product with Grap2, a leukocyte-specific adaptor protein important for immune cell signaling. The protein encoded by this gene was shown to interact with cyclin D. Transfection of this gene in cells was reported to reduce the phosphorylation of Rb gene product by cyclin D-dependent protein kinase, and inhibit E2F1-mediated transcription activity. This protein was also found to interact with helix-loop-helix protein E12 and is thought to be a negative regulator of liver-specific gene expression. Several alternatively spliced variants have been found for this gene.
Other Notes	Small volumes of anti-CCNDBP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCNDBP1 purchase	MBS9431922 is an antibody targeting CCNDBP1. Also known as CCNDBP1 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-CCNDBP1 antibody
Western blot analysis of extracts of various cell lines, using CCNDBP1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCNDBP1. It may not necessarily be applicable to this product.

NCBI GI #	227500367
NCBI GeneID	23582
NCBI Accession #	NP_036274.3
UniProt Primary Accession #	O95273
UniProt Secondary Accession #	Q6ZQN9; Q7Z519; Q8NBS7; Q8NBY2; Q9NS19; Q9NYH3; Q9UHX9; A8K3Q0; A8K3U2
UniProt Related Accession #	O95273
GenBank Nucleotide #	NM_012142.4
NCBI Official Full Name	cyclin-D1-binding protein 1
NCBI Official Synonym Full Names	cyclin D-type binding-protein 1
NCBI Official Symbol	CCNDBP1
NCBI Official Synonym Symbols	HHM; DIP1; GCIP
UniProt Protein Name	Cyclin-D1-binding protein 1
UniProt Synonym Protein Names	Grap2 and cyclin-D-interacting protein; Human homolog of Maid
Protein Family	Cyclin-D1-binding protein
UniProt Gene Name	CCNDBP1
UniProt Synonym Gene Names	DIP1; GCIP; HHM
UniProt Entry Name	CCDB1_HUMAN
NCBI Protein Information	cyclin-D1-binding protein 1; human homolog of Maid; D-type cyclin-interacting protein 1; grap2 and cyclin-D-interacting protein

UniProt Comments for CCNDBP1	CCNDBP1: May negatively regulate cell cycle progression. May act at least in part via inhibition of the cyclin-D1/CDK4 complex, thereby preventing phosphorylation of RB1 and blocking E2F- dependent transcription. Belongs to the CCNDBP1 family. 4 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 15q14-q15 Cellular Component: nucleoplasm; cytoplasm; nucleus Molecular Function: protein binding Biological Process: regulation of cell cycle; cell cycle
Research Articles on CCNDBP1	**1.** The first structure of a free-standing human dominant-negative helix-loop-helix protein (DIP1) was reported. DIP1 adopts a V-shaped conformation, with N-terminal and C-terminal five-helix bundles connected by the HLH region.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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