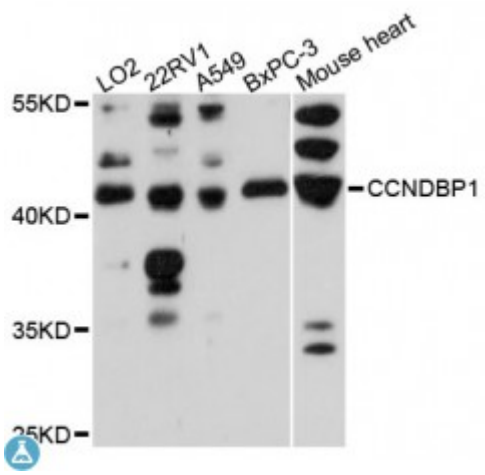
Anti-CCNDBP1 Antibody



Description	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.

Model	STJ115687
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-360 of human CCNDBP1 (NP_036274.3).
Gene ID	23582
Gene Symbol	CCNDBP1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitously expressed, Expression is down-regulated in a variety of tumor types including breast, colon, prostate and rectal tumors, and is up-regulated in certain hepatic carcinomas
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Cyclin-D1-binding protein 1 Grap2 and cyclin-D-interacting protein Human homolog of Maid
Molecular Weight	40.262 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1587OMIM:607089
Alternative Names	Cyclin-D1-binding protein 1 Grap2 and cyclin-D-interacting protein Human homolog of Maid
Function	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,
Cellular Localization	Cytoplasm, Nucleus
Post-translational Modifications	Phosphorylated,