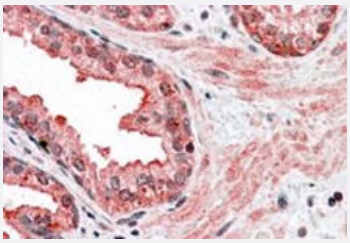
CCNDBP1 polyclonal antibody

Catalog # PAB6283 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

CCNDBP1 polyclonal antibody (Cat # PAB6283)(3.8 ug/mL) staining of paraffin embedded human prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCNDBP1.
Immunogen	A synthetic peptide corresponding to C-terminus of human CCNDBP1.
Sequence	C-NRIKELTQSELEL
Host	Goat
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCNDBP1

Entrez GeneID	23582
Protein Accession#	NP_036274.3;NP_411241.1
Gene Name	CCNDBP1
Gene Alias	DIP1, GCIP
Gene Description	cyclin D-type binding-protein 1
Omim ID	607089
Gene Ontology	Hyperlink
Gene Summary	This gene was identified by the interaction of its gene product with Grap2, a leukocyte-specific ad aptor 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 transcriptio n 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 ha ve been found for this gene. [provided by RefSeq
Other Designations	D-type cyclin-interacting protein 1|HHM Protein|MAID protein|grap2 cyclin interacting protein

Publication Reference

- GCIP, a novel human grap2 and cyclin D interacting protein, regulates E2F-mediated transcriptional activity.

  Xia C, Bao Z, Tabassam F, Ma W, Qiu M, Hua S, Liu M.

  The Journal of Biological Chemistry 2000 Jul; 275(27):20942.