

Rabbit anti-Human CCNA2 Polyclonal Antibody | anti-CCNA2 antibody

CCNA2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289686	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

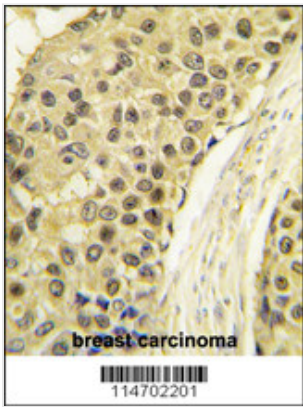
PRODUCT SYNONYMS

CCNA2; Polyclonal Antibody; CCNA2 Antibody (C-term); Cyclin-A2; Cyclin-A; CCN1; CCNA; anti-CCNA2 antibody

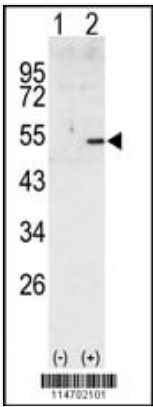
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCNA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 358-389 amino acids from the C-terminal region of human CCNA2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	358-389
Sequence Length	432
Applicable Applications for anti-CCNA2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CCNA2 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CCNA2 (arrow) using rabbit polyclonal CCNA2 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CCNA2 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-CCNA2 antibody	CCNA2 belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues tested. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.
Product Categories/Family for anti-CCNA2 antibody	Cancer; Cardiovascular; Cell biology
References	Henglein B.,Proc. Natl. Acad. Sci. U.S.A. 91:5490-5494(1994) Wang J.,Nature 343:555-557(1990) Tsang,W.Y.,J. Cell Biol. 178 (4), 621-633 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502613
NCBI GeneID	890
NCBI Accession #	NP_001228.1
NCBI GenBank Nucleotide #	NM_001237.3
UniProt Accession #	P20248; Q2M3U6; Q4W5P4; Q6LER8; A8K7B6
Molecular Weight	48551
NCBI Official Full Name	cyclin-A2
NCBI Official Synonym Full Names	cyclin A2
NCBI Official Symbol	CCNA2
NCBI Official Synonym Symbols	CCN1; CCNA
NCBI Protein Information	cyclin-A2
UniProt Protein Name	Cyclin-A2
UniProt Gene Name	CCNA2
UniProt Synonym Gene Names	CCN1; CCNA; Cyclin-A

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://stage.aaabiotech.com/polyclonal/ccna2-antibody-immunohistochemistry-western-blot-elisa/289686>