

Rabbit CCNA2 Polyclonal Antibody | anti-CCNA2 antibody

CCNA2 Polyclonal Antibody

CATALOG # AAA280407	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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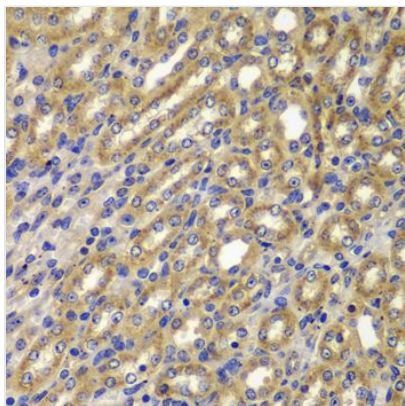
PRODUCT SYNONYMS

CCNA2; Polyclonal Antibody; CCNA2 Polyclonal Antibody; anti-CCNA2 antibody

PRODUCT SPECIFICATIONS

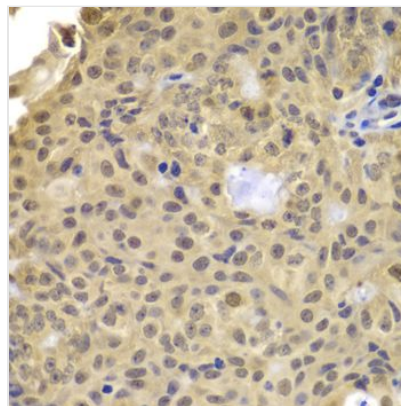
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	432
Applicable Applications for anti-CCNA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human CCNA2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



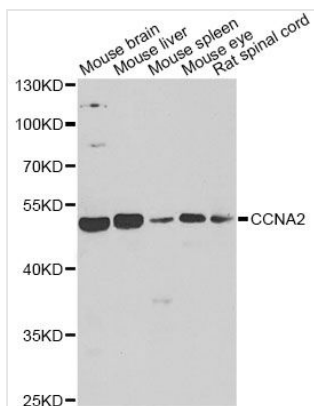
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using CCNA2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human well-differentiated squamous skin carcinoma using CCNA2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CCNA2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNA2 antibody

The protein encoded by this gene 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.

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	49kDa
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
UniProt Entry Name	CCNA2_HUMAN

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.