Rabbit anti-Human CCNB1IP1 Polyclonal Antibody | anti-CCNB1IP1 antibody

CCNB1IP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324687	**Rabbit**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

CCNB1IP1; Polyclonal Antibody; CCNB1IP1 Antibody; C14orf18; Chromosome 14 open reading frame 18; CIP1_HUMAN; Cyclin B1 interacting protein 1; cyclin B1 interacting protein 1; E3 ubiquitin protein ligase; Cyclin-B1-interacting protein 1; E3 ubiquitin-protein ligase CCNB1IP1; Enhancer of invasion 10; Gm288; HEI10; Human enhancer of invasion 10; mei4; anti-CCNB1IP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CCNB1IP1 antibody detects endogenous levels of total CCNB1IP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-CCNB1IP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus
Tissue Specificity	Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Dog**
Similarity	Pig (82%), Bovine (91%), Horse (82%), Sheep (91%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

IF (Immunofluorescence)
AAA324687 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

WB (Western Blot)
Western blot analysis of extracts from Jurkat cells using CCNB1IP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB1IP1 antibody	Function: Ubiquitin E3 ligase that acts as a limiting factor for crossing-over during meiosis: required during zygonema to limit the colocalization of RNF212 with MutS-gamma-associated recombination sites and thereby establish early differentiation of crossover and non-crossover sites. Later, it is directed by MutL-gamma to stably accumulate at designated crossover sites. Probably promotes the dissociation of RNF212 and MutS-gamma to allow the progression of recombination and the implementation of the final steps of crossing over (By similarity). Modulates cyclin-B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis. Subunit Structure: Interacts with CCNB1, UBE2L3 and NF2. Post-translational Modifications: Ubiquitinated; autoubiquitinated. Phosphorylated by CDK1 on serine or threonine residues (in vitro).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116812640
NCBI GeneID	57820
NCBI Accession #	NP_067001.3
NCBI GenBank Nucleotide #	NM_021178.4
UniProt Accession #	Q9NPC3
Molecular Weight	Observed: 32 kD Predicted: 32 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase CCNB1IP1
NCBI Official Synonym Full Names	cyclin B1 interacting protein 1
NCBI Official Symbol	CCNB1IP1
NCBI Official Synonym Symbols	HEI10; C14orf18
NCBI Protein Information	E3 ubiquitin-protein ligase CCNB1IP1
UniProt Protein Name	E3 ubiquitin-protein ligase CCNB1IP1
UniProt Gene Name	**CCNB1IP1**
UniProt Synonym Gene Names	C14orf18; HEI10

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/ccnb1ip1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324687