

Rabbit anti-Human E3 ubiquitin-protein ligase RBX1 Polyclonal Antibody | anti-RBX1 antibody

Rabbit anti-human E3 ubiquitin-protein ligase RBX1 polyclonal Antibody(RBX1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119886	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

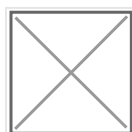
PRODUCT SYNONYMS

E3 ubiquitin-protein ligase RBX1; Polyclonal Antibody; Rabbit anti-human E3 ubiquitin-protein ligase RBX1 polyclonal Antibody(RBX1); Protein ZYP; RING finger protein 75; RING-box protein 1; Rbx1; Regulator of cullins 1; RBX1; RNF75; ROC1; anti-RBX1 antibody

PRODUCT SPECIFICATIONS

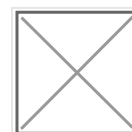
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	108
Applicable Applications for anti-RBX1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human E3 ubiquitin-protein ligase RBX1 protein (1-108aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5200 / sc-5201 / sc-5202
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



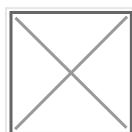
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA119886 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum using AAA119886 at dilution 1:100



WB (Western Blot)

All lanes: E3 ubiquitin-protein ligase RBX1 antibody at 4ug/mL Lane 1:Hela whole cell lysate Lane 2:HepG2 whole cell lysate Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 12kDa Observed band size: 12kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RBX1 antibody	E3 ubiquitin ligase component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins, including proteins involved in cell cycle progression, signal transduction, transcription and transcription-coupled nucleotide excision repair. The functional specificity of the E3 ubiquitin-protein ligase complexes depends on the variable substrate recognition components. As a component of the CSA complex promotes the ubiquitination of ERCC6 resulting in proteasomal degradation. Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme, like CDC34, to the complex and brings it into close proximity to the substrate. Probably also stimulates CDC34 autoubiquitination. May be required for histone H3 and histone H4 ubiquitination in response to ultraviolet and for subsequent DNA repair. Promotes the neddylation of CUL1, CUL2, CUL4 and CUL4 via its interaction with UBE2M. Involved in the ubiquitination of KEAP1, ENC1 and KLHL41. In concert with ATF2 and CUL3, promotes degradation of KAT5 thereby attenuating its ability to acetylate and activate ATM.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657508
NCBI GeneID	9978
NCBI Accession #	NP_055063.1
NCBI GenBank Nucleotide #	NM_014248.3
UniProt Accession #	P62877; Q8N6Z8; Q9D1S2; Q9WUK9; Q9Y254; B2RDY1
Molecular Weight	12,274 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase RBX1
NCBI Official Synonym Full Names	ring-box 1, E3 ubiquitin protein ligase
NCBI Official Symbol	RBX1
NCBI Official Synonym Symbols	ROC1; RNF75; BA554C12.1
NCBI Protein Information	E3 ubiquitin-protein ligase RBX1
UniProt Protein Name	E3 ubiquitin-protein ligase RBX1
UniProt Gene Name	RBX1
UniProt Synonym Gene Names	RNF75; ROC1; Rbx1
UniProt Entry Name	RBX1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/e3-ubiquitin-protein-ligase-rbx1-antibody-immunohistochemistry-western-blot-elisa/119886>