

Rabbit anti-Human Cul1 Polyclonal Antibody | anti-Cul1 antibody

Rabbit anti-Cul1 Antibody, Affinity Purified

CATALOG # AAA212157	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation
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PRODUCT SYNONYMS

Cul1; Polyclonal Antibody; Rabbit anti-Cul1 Antibody; Affinity Purified; CUL-1; cullin-1; Cullin-1; cullin 1; anti-Cul1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Cul1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, Orangutan
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human Cul1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Cul1 antibody AAA212157 used for IP at 6 ug/mg lysate. Cul1 was also immunoprecipitated by rabbit anti-Cul1 antibody which recognizes a downstream epitope. For blotting immunoprecipitated Cul1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human Cul1 by immunohistochemistry. Sample: FFPE section of human osteosarcoma. Antibody: Affinity purified rabbit anti-Cul1 (Cat. No. AAA212157 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Cul1 antibody

Cullin 1 (Cul1) is the core component of multiple cullin-RING-based SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination of proteins involved in cell cycle progression, signal transduction and transcription. In the SCF complex, Cul1 serves as a rigid scaffold that organizes the SKP1-F-box protein and RBX1 subunits. Cul1 may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q13616].

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307161
NCBI GeneID	8454
NCBI Accession #	NP_003583.2
NCBI GenBank Nucleotide #	NM_003592.2
UniProt Accession #	Q13616; O60719; Q08AL6; Q8IYW1; D3DWG3
Molecular Weight	89,679 Da
NCBI Official Full Name	cullin-1
NCBI Official Synonym Full Names	cullin 1
NCBI Official Symbol	CUL1
NCBI Protein Information	cullin-1; CUL-1
UniProt Protein Name	Cullin-1
UniProt Gene Name	CUL1
UniProt Synonym Gene Names	CUL-1
UniProt Entry Name	CUL1_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/cul1-antibody-immunohistochemistry-immunoprecipitation-elisa/212157>