

Rabbit CUL4A Polyclonal Antibody | anti-CUL4A antibody

CUL4A Antibody

CATALOG # AAA168155	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CUL4A; Polyclonal Antibody; CUL4A Antibody; anti-CUL4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	667
Applicable Applications for anti-CUL4A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CUL4A
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-130732
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human cervical cancer tissue using CUL4A antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CUL4A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CUL4A antibody

CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins. Core component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. As a scaffold protein may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The E3 ubiquitin-protein ligase activity of the complex is dependent on the neddylation of the cullin subunit and is inhibited by the association of the deneddylated cullin subunit with TIP120A/CAND1. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition component. DCX(DET1-COP1) directs ubiquitination of JUN. DCX(DDB2) directs ubiquitination of XPC.

NCBI AND UNIPROT INFORMATION

NCBI GI #	511772963
NCBI GeneID	8451
NCBI Accession #	NP_001265443.1
NCBI GenBank Nucleotide #	NM_001278514.1
Molecular Weight	76,821 Da
NCBI Official Full Name	cullin-4A isoform 3
NCBI Official Synonym Full Names	cullin 4A
NCBI Official Symbol	CUL4A
NCBI Protein Information	cullin-4A; CUL-4A
UniProt Protein Name	Cullin-4A
UniProt Gene Name	CUL4A
UniProt Synonym Gene Names	CUL-4A
UniProt Entry Name	CUL4A_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/cul4a-antibody-immunohistochemistry-western-blot-elisa/168155>