

Rabbit CUL1 Polyclonal Antibody | anti-CUL1 antibody

CUL1 Antibody

CATALOG # AAA303633	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

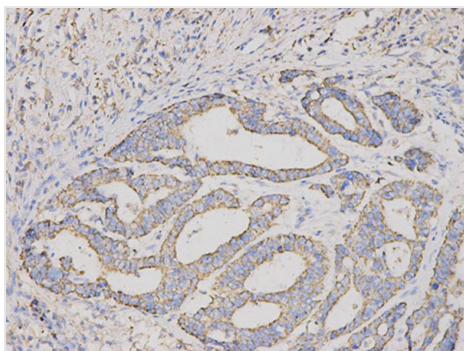
PRODUCT SYNONYMS

CUL1; Polyclonal Antibody; CUL1 Antibody; MGC149834; MGC149835; anti-CUL1 antibody

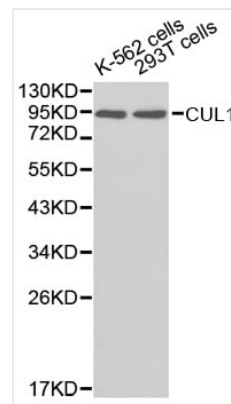
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CUL1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	776
Applicable Applications for anti-CUL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CUL1.
Target Name	CUL1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer using CUL1 antibody at dilution of 1:200 (200x lens).


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CUL1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CUL1 antibody	Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH2 of the target protein lysine residue (1-3). Combinatorial interactions of different E2 and E3 proteins result in substrate specificity (4). Recent data suggest that activated E2 associates transiently with E3, and that the dissociation is a critical step for ubiquitination (5). Cullin homolog 1 (CUL1), the mammalian homolog of Cdc53 from yeast, is a molecular scaffold of the SCF (Skp1/CUL1/F-box) E3 ubiquitin ligase protein complex. Thus, CUL1 and its family members function in ubiquitin dependent proteolysis (6). In particular, CUL1 has been shown to mediate ubiquitin dependent degradation of p21 Waf1/Cip1, cyclin D and IkappaB-alpha (7,8).
Product Categories/Family for anti-CUL1 antibody	Total protein Ab

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cul1-antibody-immunohistochemistry-western-blot-elisa/303633>