

Rabbit anti-Human, mouse CUL2 Polyclonal Antibody | anti-CUL2 antibody

CUL2 Antibody (N-term)

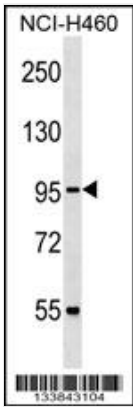
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285937	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

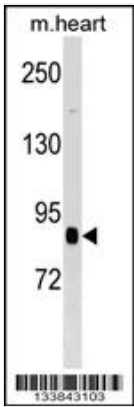
CUL2; Polyclonal Antibody; CUL2 Antibody (N-term); Cullin-2; CUL-2; anti-CUL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CUL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-179 amino acids from the N-terminal region of human CUL2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	150-179
Sequence Length	745
Applicable Applications for anti-CUL2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
CUL2 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CUL2 antibody detected the CUL2 protein (arrow).



WB (Western Blot)
CUL2 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the CUL2 antibody detected the CUL2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CUL2 antibody	Core component of multiple cullin-RING-based ECS (ElonginB/C-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination of target proteins. May serve as a rigid scaffold in the complex and 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 (By similarity). The functional specificity of the ECS complex depends on the substrate recognition component. ECS(VHL) mediates the ubiquitination of hypoxia-inducible factor (HIF).
Product Categories/Family for anti-CUL2 antibody	Cancer; Cell biology
References	Park, S.W., et al. APMIS 117(12):880-885(2009) Argyropoulos, G., et al. Physiol. Genomics 36(2):79-88(2009) Barrett, J.C., et al. Nat. Genet. 40(8):955-962(2008) Maeda, Y., et al. J. Biol. Chem. 283(23):16084-16092(2008) Huh, K., et al. J. Virol. 81(18):9737-9747(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771637
NCBI GeneID	8453
NCBI Accession #	NP_001185706.1; NP_001185707.1; NP_001185708.1; NP_003582.2
NCBI GenBank Nucleotide #	NM_001198777.1
UniProt Accession #	Q13617; O00200; Q5T2B6; Q9UNF9; B3KT95; B7Z6K8; D3DRY6; G3V1S2
Molecular Weight	86983
NCBI Official Full Name	cullin-2 isoform c
NCBI Official Synonym Full Names	cullin 2
NCBI Official Symbol	CUL2
NCBI Protein Information	cullin-2
UniProt Protein Name	Cullin-2
UniProt Gene Name	CUL2
UniProt Synonym Gene Names	CUL-2

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/cul2-antibody-western-blot-elisa/285937>