

Rabbit anti-Human, mouse Cullin 2 Polyclonal Antibody | anti-CUL2 antibody

Cullin 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285823	Rabbit	Human, mouse	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

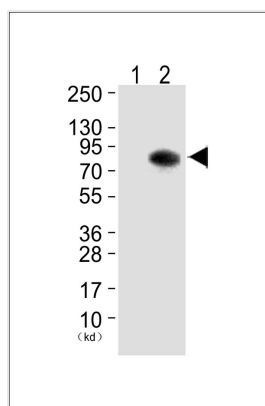
PRODUCT SYNONYMS

Cullin 2; Polyclonal Antibody; Cullin 2 Antibody; Cullin-2; CUL-2; CUL2; anti-CUL2 antibody

PRODUCT SPECIFICATIONS

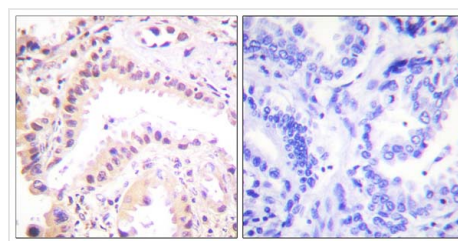
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	714-745
Sequence Length	745
Applicable Applications for anti-CUL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

IMAGES



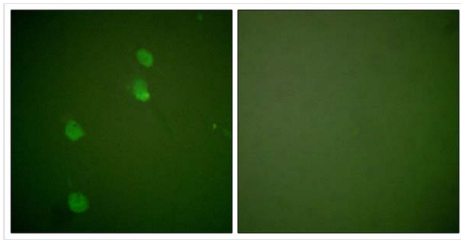
WB (Western Blot)

Western blot analysis of extracts from HepG2 cells (Lane 2), using Cullin 2 Antibody. The lane on the left is treated with synthesized peptide.



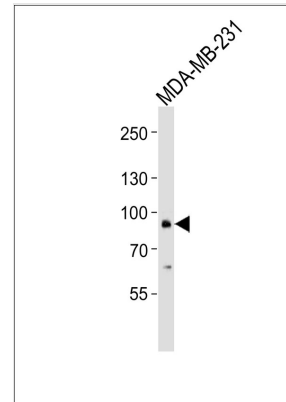
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Cullin 2 antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells, using Cullin 2 antibody.



WB (Western Blot)

Western blot analysis of lysate from MDA-MB-231 cell line, using Cullin 2 Antibody (C0163). C0163 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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	Pause A., et al. Proc. Natl. Acad. Sci. U.S.A. 94:2156-2161(1997). Wada H., et al. Biochem. Biophys. Res. Commun. 257:100-105(1999). Ota T., et al. Nat. Genet. 36:40-45(2004). Deloukas P., et al. Nature 429:375-381(2004). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	311771637
NCBI GeneID	8453
NCBI Accession #	NP_001185706.1
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/cullin-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/285823>