

Rabbit CUL3 Polyclonal Antibody | anti-CUL3 antibody

CUL3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37274	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

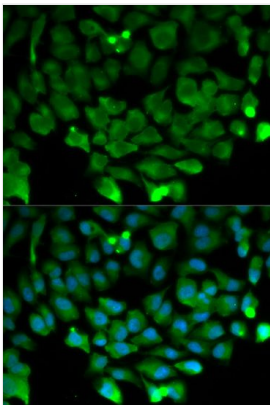
PRODUCT SYNONYMS

CUL3; Polyclonal Antibody; CUL3 Polyclonal Antibody; CUL-3; PHA2E; anti-CUL3 antibody

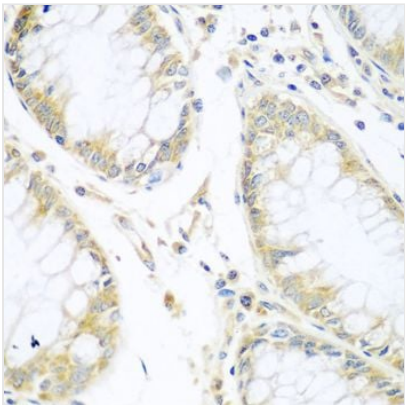
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	768
Applicable Applications for anti-CUL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CUL3
Calculated Molecular Weight	89kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

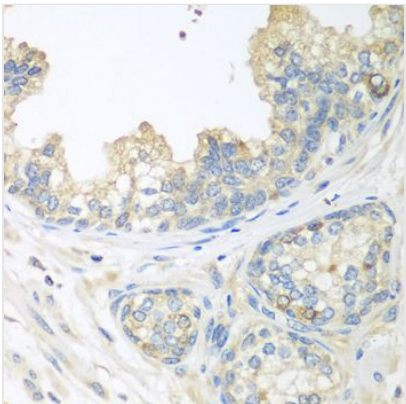
IMAGES



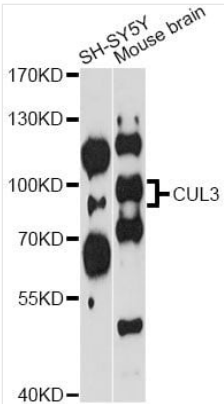
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using CUL3 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using CUL3 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using CUL3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CUL3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CUL3 antibody	CUL3 (Cullin-3) is a member of the cullin-based ubiquitin ligase family. By interacting with Hrt1 and BTB domain containing proteins, the complex functions as a CUL3-based E3 ligase to bring specific substrates to ubiquitinylation and degradation (1). The CUL3 complex has been shown to target many substrates involved in cell cycle progression (2), transcription (3), development and differentiation (4,5).
Product Categories/Family for anti-CUL3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643396
NCBI GeneID	8452
UniProt Accession #	Q13618; O75415; Q569L3; Q9UBI8; Q9UET7; A8K536; B8ZZC3
Molecular Weight	768
NCBI Official Full Name	Cullin-3
NCBI Official Synonym Full Names	cullin 3
NCBI Official Symbol	CUL3

NCBI Official Synonym Symbols	CUL-3; PHA2E
NCBI Protein Information	cullin-3
UniProt Protein Name	Cullin-3
UniProt Gene Name	CUL3
UniProt Synonym Gene Names	KIAA0617; CUL-3
UniProt Entry Name	CUL3_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/cul3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37274>