

Rabbit anti-Human, Mouse Cul3 Polyclonal Antibody | anti-Cul3 antibody

Rabbit anti-Cul3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211321	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

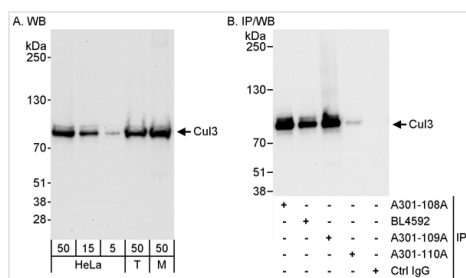
PRODUCT SYNONYMS

Cul3; Polyclonal Antibody; Rabbit anti-Cul3 Antibody; Affinity Purified; PHA2E; CUL-3; cullin-3; Cullin-3; cullin 3; anti-Cul3 antibody

PRODUCT SPECIFICATIONS

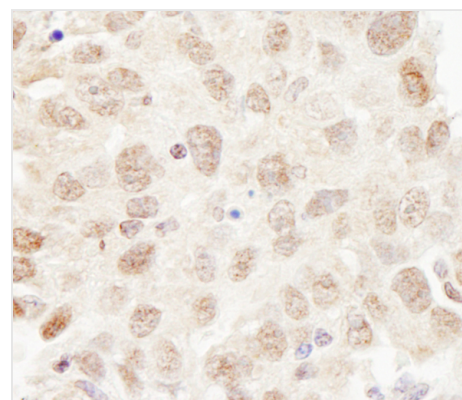
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Cul3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, X. laevis, X. tropicalis
Immunogen	Between 675 and 725
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse Cul3 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Cul3 antibody AAA211321 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. Cul3 was also immunoprecipitated by rabbit anti-Cul3 antibodies A301-108A and BL4592, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



IHC (Immunohistochemistry)

Detection of human Cul3 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Cul3 (Cat. No. AAA211321) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Cul3 antibody	Cul3 is a member of the cullin group of proteins and functions as a scaffold to bring together ubiquitin E3 ligases, E2 conjugating enzyme, and substrate proteins to mediate the ubiquitination of substrate proteins. Cul3 and its associated ubiquitin ligase activity are essential for mitotic division and required for correct alignment of chromosomes and the completion of cytokinesis. Aurora B is a substrate of Cul3-based E3 ubiquitin ligase activity.
Product Categories/Family for anti-Cul3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	380714661
NCBI GeneID	8452
NCBI Accession #	NP_003581.1
NCBI GenBank Nucleotide #	NM_003590
UniProt Accession #	Q13618; O75415; Q569L3; Q9UBI8; Q9UET7; A8K536; B8ZZC3
NCBI Official Full Name	Homo sapiens cullin 3 (CUL3), transcript variant 1, mRNA
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-immunohistochemistry-immunoprecipitation-western-blot-elisa/211321>