

Rabbit anti-Human, Mouse Cul4a Polyclonal Antibody | anti-Cul4a antibody

Rabbit anti-Cul4a Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211119	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Cul4a; Polyclonal Antibody; Rabbit anti-Cul4a Antibody; Affinity Purified; CUL-4A; cullin-4A; Cullin-4A; cullin 4A; anti-Cul4a antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Cul4a antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 709 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



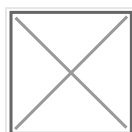
WB (Western Blot)

Detection of human Cul4A by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cul4A antibody (AAA211119 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



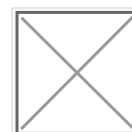
WB (Western Blot)

Detection of mouse Cul4A by western blot. Samples: Whole cell lysate (5 ug) from NIH 3T3, CT26, CH27, BW5147.3, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Cul4A antibody (AAA211119 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Cul4A by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Cul4A antibody (AAA211119 lot 2) used for IP at 2 ug per reaction. Cul4A was also immunoprecipitated by a previous lot of this antibody (AAA211119 lot 1) and a second antibody against a different epitope of Cul4A (BL2390). For blotting immunoprecipitated Cul4A, AAA211119 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Cul4a by immunohistochemistry. Samples: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Cul4a (AAA211119 Lot 2) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Cul4a antibody	Cul4a 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. Several Cul4 E3 ligase complexes have been identified as important in cell cycle regulation and the DNA damage checkpoint response.
Product Categories/Family for anti-Cul4a antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	57165424
NCBI GeneID	8451
NCBI Accession #	NP_001008895.1
NCBI GenBank Nucleotide #	NM_001008895.1
UniProt Accession #	Q13619; O75834; Q589T6; Q5TC62; Q6UP08; Q9UP17; A2A2W2
Molecular Weight	87,680 Da
NCBI Official Full Name	cullin-4A isoform 1
NCBI Official Synonym Full Names	cullin 4A
NCBI Official Symbol	CUL4A
NCBI Official Synonym Symbols	CUL4A
NCBI Protein Information	cullin-4A; CUL-4A; OTTHUMP00000018753; OTTHUMP00000018754
UniProt Protein Name	Cullin-4A
UniProt Gene Name	CUL4A
UniProt Synonym Gene Names	CUL-4A
UniProt Entry Name	CUL4A_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/cul4a-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211119>