

Rabbit anti-Human Cullin 4a Monoclonal Antibody | anti-CUL4A antibody

Cullin 4a Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30417	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

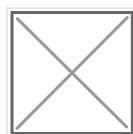
PRODUCT SYNONYMS

Cullin 4a; Monoclonal Antibody; Cullin 4a Antibody; 2810470J21Rik antibody; AW495282 antibody; CUL 4A antibody; CUL-4A antibody; Cul4a antibody; Cul4a protein antibody; CUL4A_HUMAN antibody; Cullin-4A antibody; MGC36573 antibody; MGC64071 antibody; anti-CUL4A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JU07-33
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CUL4A antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



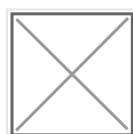
FCM (Flow Cytometry)

Flow cytometric analysis of HeLa cells with Cullin 4a antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



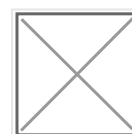
ICC (Immunocytochemistry)

ICC staining Cullin 4a in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Cullin 4a in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

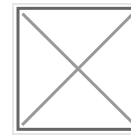


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Cullin 4a antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Cullin 4a antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Cullin 4a antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CUL4A antibody	Core component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination of target proteins. As a scaffold protein 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. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition component. DCX (DET1-COP1) directs ubiquitination of JUN. DCX (DDB2) directs ubiquitination of XPC. DCX (DDB2) ubiquitinates histones H3-H4 and is required for efficient histone deposition during replication-coupled (H3.1) and replication-independent (H3.3) nucleosome assembly, probably by facilitating the transfer of H3 from ASF1A/ASF1B to other chaperones involved in histone deposition.
Product Categories/Family for anti-CUL4A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	108936013
NCBI GeneID	8451
UniProt Accession #	Q13619; O75834; Q589T6; Q5TC62; Q6UP08; Q9UP17; A2A2W2
Molecular Weight	759
NCBI Official Full Name	Cullin-4A
NCBI Official Synonym Full Names	cullin 4A
NCBI Official Symbol	CUL4A
NCBI Protein Information	cullin-4A; CUL-4A
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/monoclonal/cullin-4a-antibody-clone-ju07-33-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/30417>