

## Rabbit Cullin 4A Polyclonal Antibody | anti-CUL4A antibody

Anti-Cullin 4A Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                |
|-----------|--------|-------------------|-----------------------------------------------------------------------------|
| AAA262563 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Cullin 4A; Polyclonal Antibody; Anti-Cullin 4A Antibody; Cullin-4A; CUL-4A; anti-CUL4A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of Cullin 4A protein.                                                             |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                 | 759                                                                                                            |
| Applicable Applications for anti-CUL4A antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)              |
| Immunogen                                       | KLH-conjugated synthetic peptide of human Cullin 4A                                                            |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



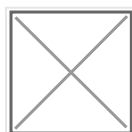
#### IF (Immunofluorescence)

Immunofluorescent analysis of Cullin 4A staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Cullin 4A staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Cullin 4A expression in Hela (A), HepG2 (B), mouse brain (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                         |
|-----------------------------------------------------|-----------------------------------------|
| Related Product Information for anti-CUL4A antibody | Rabbit polyclonal antibody to Cullin 4A |
|-----------------------------------------------------|-----------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 57165424                                               |
| NCBI GeneID                      | 8451                                                   |
| NCBI Accession #                 | NP_001008895.1                                         |
| NCBI GenBank Nucleotide #        | NM_001008895.2                                         |
| UniProt Accession #              | Q13619; O75834; Q589T6; Q5TC62; Q6UP08; Q9UP17; A2A2W2 |
| Molecular Weight                 | 76,821 Da                                              |
| NCBI Official Full Name          | cullin-4A isoform 1                                    |
| NCBI Official Synonym Full Names | cullin 4A                                              |
| NCBI Official Symbol             | CUL4A                                                  |
| NCBI Protein Information         | cullin-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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