

Rabbit Cullin 4B Polyclonal Antibody | anti-CUL4B antibody

Anti-Cullin 4B antibody

CATALOG # AAA45157	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Zebrafish	APPLICATIONS Immunohistochemistry, Western Blot
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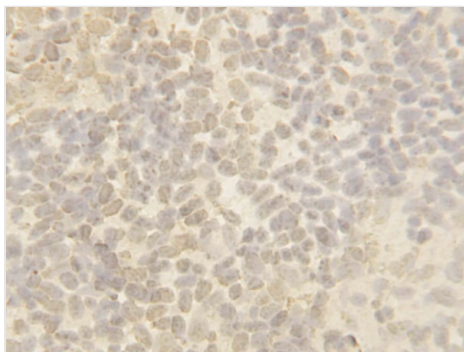
PRODUCT SYNONYMS

Cullin 4B; Polyclonal Antibody; Anti-Cullin 4B antibody; Cullin-4B(CUL-4B); cullin 4B; CUL 4B antibody; CUL-4B antibody; CUL4B antibody; CUL4B_HUMAN antibody; Cullin-4B antibody; DKFZp686F1470 antibody; KIAA0695 antibody; MRXHF2 antibody; MRXSC antibody; SFM2 antibody; anti-CUL4B antibody

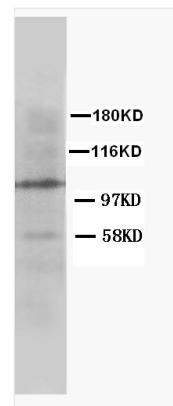
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	913
Applicable Applications for anti-CUL4B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cullin 4B (895-913aa DRDYMERDKENPNQYNYIA), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Cullin 4B antibody, AAA45157, IHC(P)IHC(P): Zebrafish Body Tissue



WB (Western Blot)
Anti-Cullin 4B antibody, AAA45157, Western blottingWB: Rat Lung Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CUL4B antibody	Description: Rabbit IgG polyclonal antibody for Cullin-4B(CUL4B) detection. Tested with WB, IHC-P in Human, Mouse, Rat, Zebrafish. Background: Cullin 4B/CUL4B encodes a scaffold protein that organizes a cullin-RING(really interesting new gene) ubiquitin ligase(E3) complex in ubiquitylation. The CUL4 gene encodes a protein of 913 amino acids. The cullin domain is located between amino acid residues 217 and 815 and is characterized by a C-terminal globular domain(cullin homology domain) and a series of N-terminal repeats(cullin repeats). Ohtake et al.(2007) characterized a fat-soluble ligand-dependent ubiquitin ligase complex in human cell lines, in which dioxin receptor(AhR) is integrated as a component of a novel cullin 4B ubiquitin ligase complex, CUL4B(AhR). Complex assembly and ubiquitin ligase activity of CUL4B(AhR) in vitro and in vivo are dependent on the AhR ligand. In the CUL4B(AhR) complex, ligand-activated AhR acts as a substrate-specific adaptor component that targets sex steroid receptors for degradation. Their findings uncover a function for AhR as an atypical component of the ubiquitin ligase complex and demonstrate a non-genomic signalling pathway in which fat-soluble ligands regulate target-protein-selective degradation through a ubiquitin ligase complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296439468
NCBI GeneID	8450
UniProt Accession #	Q13620; Q6PIE4; Q6UP07; Q7Z673; Q9BY37; Q9UEB7; Q9UED7; B1APK5; B3KVBX; B7Z5K8
Molecular Weight	84,017 Da
NCBI Official Full Name	Cullin-4B
NCBI Official Synonym Full Names	cullin 4B
NCBI Official Symbol	CUL4B
NCBI Official Synonym Symbols	SFM2; MRXSC; CUL-4B; MRXHF2; MRXS15
NCBI Protein Information	cullin-4B
UniProt Protein Name	Cullin-4B
UniProt Gene Name	CUL4B
UniProt Synonym Gene Names	KIAA0695; CUL-4B
UniProt Entry Name	CUL4B_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/cullin-4b-antibody-immunohistochemistry-western-blot-elisa/45157>