

CUL4B rabbit monoclonal antibody

Catalog # H00008450-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CUL4B peptide using ARM Technology.
Immunogen	A synthetic peptide of human CUL4B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CUL4B peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CUL4B

Entrez GeneID	8450
GeneBank Accession#	CUL4B
Gene Name	CUL4B
Gene Alias	DKFZp686F1470, KIAA0695, MRXHF2, MRXSC, SFM2
Gene Description	cullin 4B
Omim ID	300304 300354 300639
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a member of the cullin family. The encoded protein forms a complex that functions as an E3 ubiquitin ligase and catalyzes the polyubiquitination of specific protein substrates in the cell . The protein interacts with a ring finger protein, and is required for the proteolysis of several regulators of DNA replication including chromatin licensing and DNA replication factor 1 and cyclin E. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000023946 OTTHUMP00000023947 cullin-4B

Pathway

- [Nucleotide excision repair](#)
- [Ubiquitin mediated proteolysis](#)