

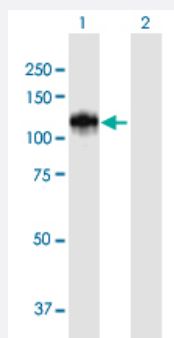
MaxPab®

CUL4B MaxPab mouse polyclonal antibody (B01)

Catalog # H00008450-B01

Size 50 uL

Applications

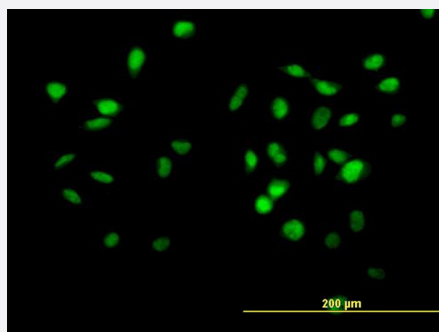


Western Blot (Transfected lysate)

Western Blot analysis of CUL4B expression in transfected 293T cell line ([H00008450-T01](#)) by CUL4B MaxPab polyclonal antibody.

Lane 1: CUL4B transfected lysate(100.43 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CUL4B on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CUL4B protein.

Immunogen

CUL4B (AAH36216.1, 1 a.a. ~ 913 a.a) full-length human protein.

Sequence	MMSQSSSGSGDGNDEATTSKDGGFSSPSPSAAAAAQEVRSATDGNTSTTPPTS AKKRKLNSS SSSSSNSSNEREDFDSTSSSSSTPPLQPRDSASPSTSSFCLGVSAASSHVPIQKKLRFEDTLE FVGFD AKMAEESSSSSSSSPTAATSQQQQLKNKSILISSVASVHHANGLAKSSTTVSSFANSKP GSAKKLVIKNFKDKPKLPENYDETWQKLKEAVEAIQNSTSIKYNLEELYQAVENLCSYKISANLYK QLRQICEDHIKAQIHQFREDSLDSVLFLKKIDRCWQNHCRQMIMIRSIFLFLDRTYVLQNSMLPSMWD MGLEL FRAHISDQKVQNK TIDGILLIERERNGEAIDRSLLRSLLSMLS DLQIYQDSFEQRFLEETNR LYAAEGQKLMQEREVPEYLHHV NKRLEEEADRLITYLDQTTQKSLIATVEKQLLGEHLTAILQKGLN NLLDENRIQDLSLLYQLFSRV RGGVQVLLQQWIEYKAFGSTVINPEKDKTMVQELLD FDKDKVDHII DICFLKNEKFINAMKEAFETFINKRPNKPAELIAKYVDSKLRAGNKEATDEEEKMLDKIMIIFRFYIG KDVFEAFYKKDLAKRLLVGKSASVDAEKSMLS KKLKHECGAAFTSKLEG MFKDMELSKDIMIQFK QYMQNQNPVPGNIELTVNILTMGYWPTYVPMEVHLPP EMVKLQEIFKTFYLGKHSGRKLQWQSTIGH CVLKA EFKEGKKELQVSLFQTLVLLMFNEGEEFSLEEIKQATGIEDGELRRTLQSLACGKARVLAK NPKGKDIEDGDKFICNDDFKHKLFR IKINQIMKETVEEQASTTERTVFQDRQYQIDAANRIMKMRKT LSHNLLVSEVYNQLKFPVKPADLKKRIESLIDRDYMERDKENPNQYNIA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (98)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — CUL4B

Entrez GeneID	8450
GeneBank Accession#	BC036216.1
Protein Accession#	AAH36216.1
Gene Name	CUL4B
Gene Alias	DKFZp686F1470, KIAA0695, MRXHF2, MRXSC, SFM2
Gene Description	cullin 4B
Omim ID	300304 300354 300639
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OTTHUMP00000023946 OTTHUMP00000023947 cullin-4B

Pathway

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