

## Product datasheet for **TA375233**

### Cullin 4B (CUL4B) Rabbit Polyclonal Antibody

#### Product data:

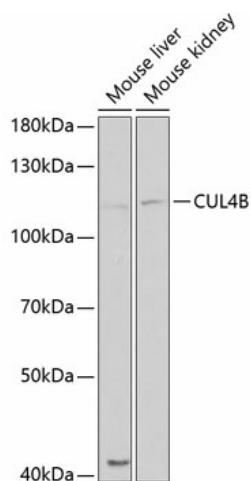
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human CUL4B (NP_003579.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	84kDa/102kDa/103kDa
Gene Name:	cullin 4B
Database Link:	<a href="#">Entrez Gene 8450 Human Q13620</a>
Background:	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.



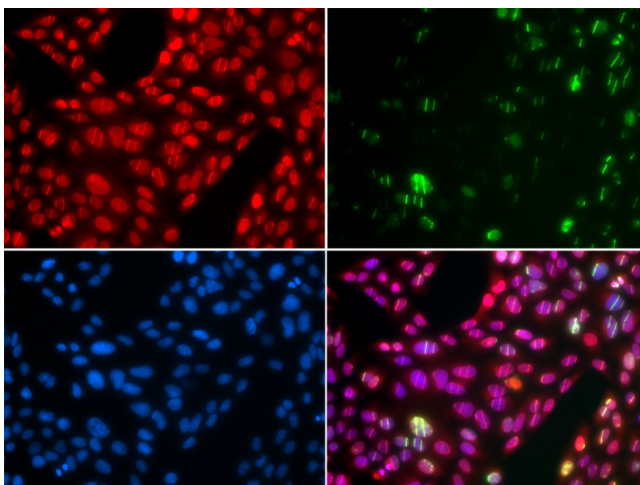
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Synonyms: CUL-4B; cullin-4B; DKFZp686F1470; KIAA0695; MRXHF2; MRXSC; SFM2

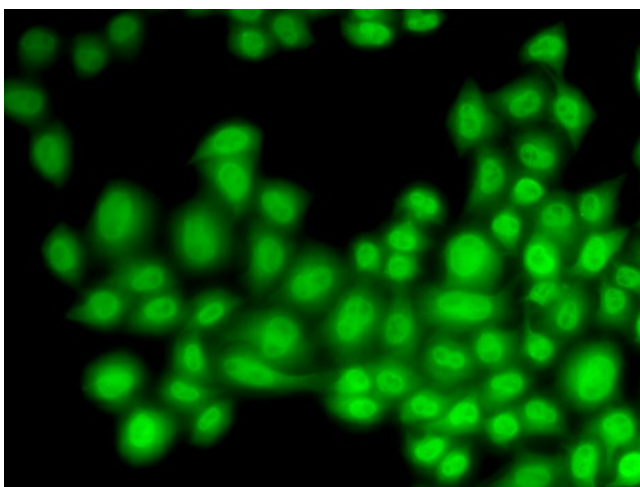
**Product images:**



Western blot analysis of extracts of various cell lines, using CUL4B antibody (TA375233) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 60s.



Immunofluorescence analysis of U2OS cells using CUL4B antibody (TA375233). Blue: DAPI for nuclear staining. DNA damage by a UV-A laser.



Immunofluorescence analysis of U2OS cells using CUL4B antibody (TA375233).