Elabscience®

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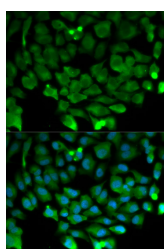## CUL3 Polyclonal Antibody

Catalog No.	E-AB-65785	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images
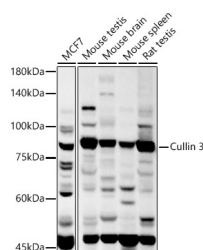
Western blot analysis of extracts of various cell lines using Cullin 3 Polyclonal Antibody at 1:1000 dilution.

Immunofluorescence analysis of HeLa cells using Cullin 3 Polyclonal Antibody Blue: DAPI for nuclear staining.

Immunogen Information

Immunogen	Recombinant fusion protein of human CUL3
GeneID	8452
Swissprot	Q13618
Synonyms	CUL-3,PHA2E,CUL3,Cullin 3,cullin-3

Product Information

Calculated MW	81kDa/86kDa/88kDa
Observed MW	84KDa
Buffer	PBS with 0.01% thiomersal,50% glycerol,pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000,IF 1:50-1:200

Background

This gene encodes a member of the cullin protein family. The encoded protein plays a critical role in the polyubiquitination and subsequent degradation of specific protein substrates as the core component and scaffold protein of an E3 ubiquitin ligase complex. Complexes including the encoded protein may also play a role in late endosome maturation. Mutations in this gene are a cause of type 2E pseudohypoaldosteronism. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.