



Rabbit Anti-Cullin 1 antibody

SL4208R

Product Name:	Cullin 1
Chinese Name:	Cullin1 抗体
Alias:	Cullin-1; CUL 1; CUL1; Cullin1; MGC149834; MGC149835.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	85kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Cullin 1:701-776/776
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Cullin 1 may be involved in the degradation of positive cell cycle regulators (for example G1 cyclins in yeast). Human cullin 1 forms a complex with Skp1 and the F box protein Skp2, which is thought to play a role in the ubiquitination of G1 regulatory proteins, as its homolog does in yeast. Tissue Specificity: Expressed in lung fibroblasts.

Post-translational modifications:

Neddylated; which enhances the ubiquitination activity of SCF. Deneddylated via its interaction with the COP9 signalosome (CSN) complex. Deneddylated by Epstein-Barr virus BPLF1 leading to a S-phase-like environment that is required for efficient replication of the viral genome.

Similarity:

Belongs to the cullin family.

SWISS:

Q13616

Gene ID:

8454

Database links:

[Entrez Gene: 8454](#)Human

[Entrez Gene: 26965](#)Mouse

[Entrez Gene: 362356](#)Rat

[Omim: 603134](#)Human

[SwissProt: Q13616](#)Human

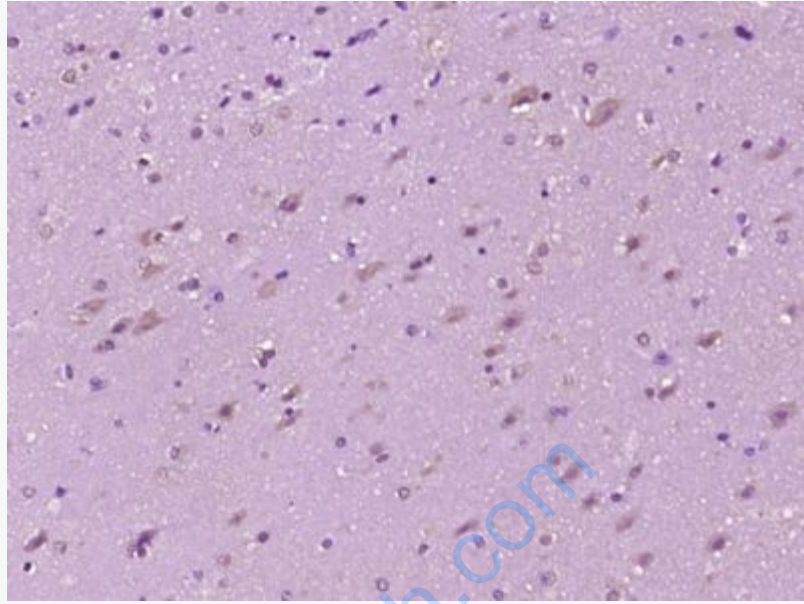
[SwissProt: Q9WTX6](#)Mouse

[Unigene: 146806](#)Human

[Unigene: 87611](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Cullin 1) Polyclonal Antibody, Unconjugated (SL4208R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.