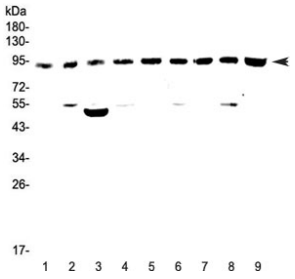
Cullin 5 Antibody / CUL5 (RQ4333)

Catalog No.	Formulation	Size
RQ4333	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q93034
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This Cullin 5 antibody is available for research use only.



Western blot testing of rat 1) brain, 2) spleen, 3) heart, 4) kidney and mouse 5) brain, 6) spleen, 7) heart, 8) kidney and 9) testis lysate with Cullin 5 antibody at 0.5ug/ml. Predicted molecular weight ~91 kDa.

Description

Cullin-5 is a protein that in humans is encoded by the CUL5 gene. Cul5 inhibits cellular proliferation, potentially through its involvement in the SOCS/ BC-box/ eloBC/ cul5/ RING E3 ligase complex, which functions as part of the ubiquitin system for protein degradation. One study have shown that Cul5 plays a role in Reelin signaling cascade, participating in the DAB1 degradation and thus ensuring the negative feedback mechanism of Reelin signaling during corticogenesis.

Application Notes

Optimal dilution of the Cullin 5 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A2-D105 was used as the immunogen for the Cullin 5 antibody.

Storage

After reconstitution, the Cullin 5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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