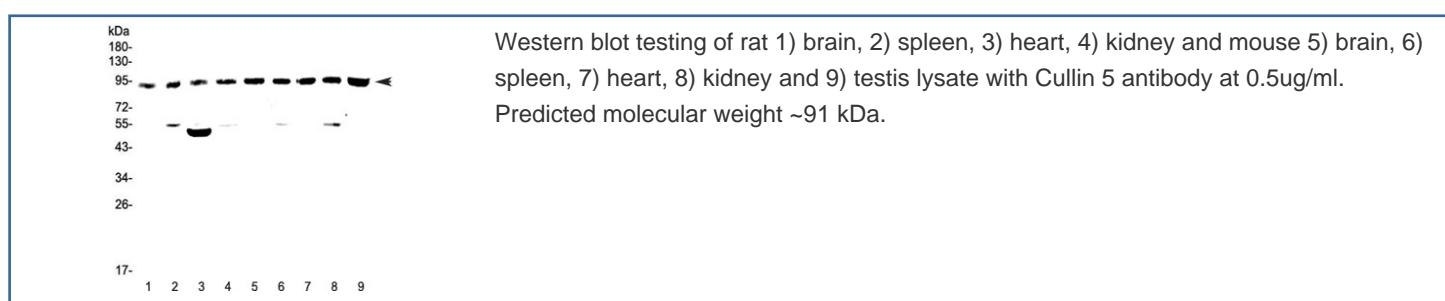


Cullin 5 Antibody / CUL5 (RQ4333)

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.



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.