

Product Name: Cullin 5 Rabbit Monoclonal Antibody
Catalog #: AMRe01866



Summary

Production Name	Cullin 5 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CUL5
Alternative Names	CUL-5; VACM1; VACM-1
Gene ID	8065
SwissProt ID	Q93034

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 91 kDa; Observed MW: 91 kDa

Background

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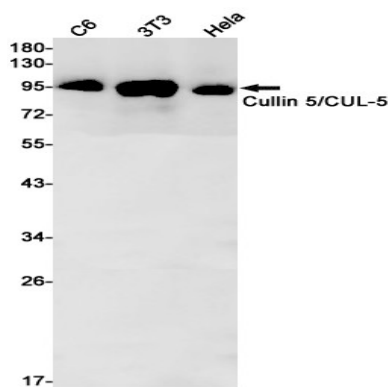


Core component of multiple SCF-like ECS (Elongin-Cullin 2/5-SOCS-box protein) E3 ubiquitin-protein ligase complexes, which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. As a scaffold protein may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The functional specificity of the E3 ubiquitin-protein ligase complex depends on the variable substrate recognition component. ECS(SOCS1) seems to direct ubiquitination of JAK2. Seems to be involved in proteasomal degradation of p53/TP53 stimulated by adenovirus E1B-55 kDa protein. May form a cell surface vasopressin receptor.

Research Area

Cell Biology

Image Data



Western blot analysis of Cullin 5/CUL5 in C6, 3T3, HeLa lysates using Cullin 5 antibody.

Note

For research use only.