

For Research Use Only

# Cullin 5 Polyclonal antibody

Catalog Number: 14128-1-AP



## Basic Information

<b>Catalog Number:</b> 14128-1-AP	<b>GenBank Accession Number:</b> BC063306	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 120 µg/ml	<b>GeneID (NCBI):</b> 8065	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q93034	
<b>Isotype:</b> IgG	<b>Full Name:</b> cullin 5	
<b>Immunogen Catalog Number:</b> AG5168	<b>Calculated MW:</b> 91 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

The cullin family proteins are scaffold proteins for the Ring finger type E3 ligases, participating in the proteolysis through the ubiquitin-proteasome pathway. Humans express seven cullin proteins: CUL1-3, CUL4A, CUL4B, CUL5, and CUL7. Each cullin protein can form an E3 ligase similar to the prototype Ring-type E3 ligase Skp1-CUL1-F-box complex. The Cullin-RING-finger type E3 ligases are important regulators in early embryonic development, as highlighted by genetic studies demonstrating that knock-out of CUL1, CUL3, or CUL4A in mice results in early embryonic lethality.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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## Selected Validation Data