bs-10059R **[Primary Antibody]**

Cullin 5 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8065 **SWISS:** Q93034

Target: Cullin 5

Immunogen: KLH conjugated synthetic peptide derived from human Cullin 5: 701-780/780.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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 poteosomal degradation of p53/TP53 stimulated by adenovirus E1B-55 kDa protein. May form a cell surface vasopressin receptor.

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Cow, Dog, Horse)

Predicted MW.: 86 kDa

Subcellular Location: Cytoplasm

SELECTED CITATIONS

- **[IF=0]** Xiang M et al. Biyuanling suppresses the toluene-2, 4-diisocyanate induced allergic rhinitis in guinea pigs. Oncotarget. 2017 Dec 8;9(16):12620-12629. WB,IHC ;Guinea pigs. 29560095