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Datasheet for ABIN1387404
anti-Cullin 5 antibody (AA 701-780)

1 Image

Overview

Quantity:	100 µL
Target:	Cullin 5 (CUL5)
Binding Specificity:	AA 701-780
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cullin 5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cullin 5
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Cullin 5 (CUL5)
Alternative Name:	Cullin 5 (CUL5 Products)

Target Details

Background: Synonyms: CUL 5, CUL-5, CUL5, CUL5_HUMAN, Cullin-5, Cullin5, VACM 1, VACM-1, VACM1, Vasopressin activated calcium mobilizing receptor 1, Vasopressin activated calcium mobilizing receptor, Vasopressin-activated calcium-mobilizing receptor 1.

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

Gene ID: 1729

Pathways: [Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

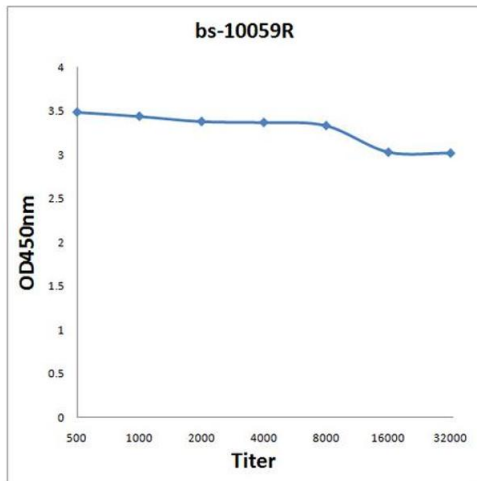
Storage: 4 °C, -20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



ELISA

Image 1. Antigen: 2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Rabbit Anti-Goat IgG at 1: 5000, TMB staining Read the data in Microplate Reader by 450 nm.