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Datasheet for ABIN1388425

# anti-Cullin 5 antibody (AA 701-780) (Biotin)



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Quantity:	100 μL
Target:	Cullin 5 (CUL5)
Binding Specificity:	AA 701-780
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cullin 5 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), 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)	
Background:	Synonyms: CUL 5, CUL-5, CUL5, CUL5_HUMAN, Cullin-5, Cullin5, VACM 1, VACM-1, VACM1,	

Vasopressin activated calcium mobilizing receptor 1, Vasopressin act	tivated 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 poteosomal 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:	IHC-P 1:200-400

IHC-F 1:100-500

Restrictions:

For Research Use only

## Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months