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anti-Cullin 7 antibody (Biotin)



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Overview		
Quantity:	100 μL	
Target:	Cullin 7 (CUL7)	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Cullin 7 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunoaen:	KLH conjugated synthetic peptide derived from human Cullin 7	

Immunogen:	KLH conjugated synthetic peptide derived from human Cullin 7	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	Cullin 7 (CUL7)	
Alternative Name:	Cullin 7 (CUL7 Products)	
Background:	Synonyms: CUL-7, CUL7, CUL7_HUMAN, Cullin-7, dJ20C7.5, KIAA0076. Background: Component of a probable SCF-like E3 ubiquitin-protein ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.	
	Probably plays a role in the degradation of proteins involved in endothelial proliferation and/or	

differentiation (By similarity). Seems not to promote polyubiquitination and proteasomal degradation of TP53. In vitro, complexes of CUL7 with either CUL9 or FBXW8 or TP53 contain E3 ubiquitin-protein ligase activity. Involvement in disease: Defects in CUL7 are the cause of 3M syndrome type 1 (3M1). An autosomal recessive disorder characterized by severe pre- and postnatal growth retardation, facial dysmorphism, large head circumference, and normal intelligence and endocrine function. Skeletal changes include long slender tubular bones and tall vertebral bodies.

Gene ID:

9820

Pathways:

ER-Nucleus Signaling

Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400

12 months

Restrictions:

For Research Use only

Handling

Expiry Date:

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.