

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CUL7



Numéro de catalogue: 13738-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue: 13738-1-AP	Numéro d'acquisition GenBank: BC033647	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 9820	Dilutions recommandées: WB 1:500-1:2000
Hôte: Lapin	Nom complet: cullin 7	
Isotype: IgG	MW calculé: 1698 aa, 191 kDa	
Immunogen Catalog Number: AG4675	MW observés: 185 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HEK-293,
Demandes citées: WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain, rat	

Informations générales

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. CUL7 was originally discovered as 185-kDa protein associated with the large T antigen of simian virus 40 (SV40). CUL7-deficient mice exhibit neonatal lethality with reduced size and vascular defects. CUL7 presumably plays a role in the DNA damage response by limiting p53 activity. CUL7 mutations have also been identified in 3-Msyndrome and the Yakuts short stature syndrome, both of which are characterized by pre- and post-natal growth retardation but with relatively normal mental and endocrine functions, suggesting that CUL7 may also be crucial for human placental development.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tomoaki Nagai	30404837	J Cell Sci	WB
Gustavo R Ares	36727946	Am J Physiol Renal Physiol	WB
Zhang Wencheng W	23396401	Diabetes	WB

Stockage

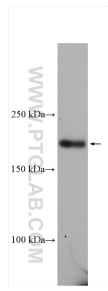
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

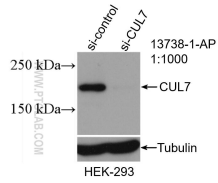
For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 13738-1-AP (CUL7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of CUL7 antibody (13738-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CUL7 transfected HEK-293 cells.