À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SUMO2/3

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:11251-1-AP Phare 8 Publications

Informations de base

Numéro de catalogue:
11251-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop and 220 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1778

Numéro d'acquisition GenBank:
BC016775

Identification du gène (NCBI):
6613

Nom complet:
SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)

MW calculé
11 kDa

MW observés:
11-20 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IF 1:20-1:200

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules Jurkat, cellules L02

IF : cellules HEK-293,

Informations générales

Ubiquitin is most famous for its function in targeting proteins for degradation by the 26S proteasome, ubiquitin needs to be attached to a substrate in chains (polyubiquitylation) before being recognized by proteasome. Similarly, SUMO (small ubiquitin-related modifier) can be linked to substrates in chains (polysumoylation), SUMO modification has been implicated in many important cellular processes including the control of genome stability, signal transduction, targeting to and formation of nuclear compartments, cell cycle and meiosis. There are 4 confirmed SUMO isoforms in human, SUMO-1, SUMO-2, SUMO-3 and SUMO-4. SUMO-2 and SUMO-3 are nearly identical but are distinct from SUMO-1. SUMO2/3 conjugation was recently widely involved in neuroprotective activities. A substitution (M55V) of SUMO4 was strongly associated with the pathogenesis of type 1 diabetes (T1D) involving NF kappa B related mechanisms.

Publications notables

Autrice	Pubmed ID	Journal	Application
Shuai Huang	31660066	Theranostics	WB
Xiaoqing Liu	34726485	mSystems	IP
Jing Cao	29512695	Int J Mol Med	IP

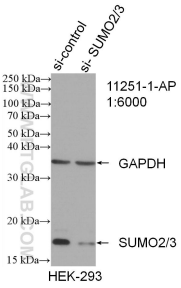
Stockage

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

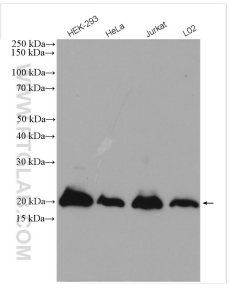
*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

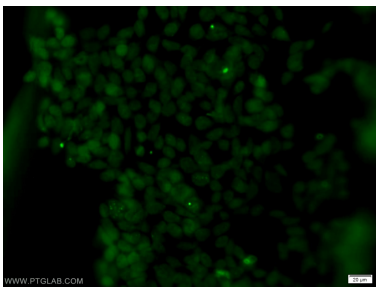
Données de validation sélectionnées



WB result of SUMO2/3 antibody (11251-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SUMO2/3 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 11251-1-AP (SUMO2/3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 11251-1-AP (SUMO2/3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).