À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SMN

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:22329-1-AP Phare

Informations de base

Numéro de catalogue:
22329-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop and 333 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG17798

Numéro d'acquisition GenBank:
BC000908

Identification du gène (NCBI):
6607

Nom complet:
survival of motor neuron 2, centromeric

MW calculé
282 aa, 30 kDa

MW observés:
38 kDa

Méthode de purification:
Purifié par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IHC 1:50-1:500
IF 1:20-1:200

Applications

Applications testées:
IF, IHC, WB,ELISA

Spécificité de l'espèce:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules K-562, cellules HEK-293, cellules HepG2, cellules Jurkat

IHC : tissu testiculaire humain,

IF : cellules HepG2,

Informations générales

Spinal muscular atrophy (SMA) is an autosomal recessive neurodegenerative disease characterized by loss of anterior horn cells in the spinal cord and concomitant symmetrical muscle weakness and atrophy (PMID: 16364894). SMA is caused by deletion or mutations of the survival motor neuron (SMN1) gene. SMA patients lack a functional SMN1 gene, but they possess an intact SMN2 gene, which though nearly identical to SMN1, is only partially functional (PMID: 17355180). A large majority of SMN2 transcripts lack exon 7, resulting in production of a truncated, less stable SMN protein (PMID: 10369862). The level of SMN protein correlates with phenotypic severity of SMA.

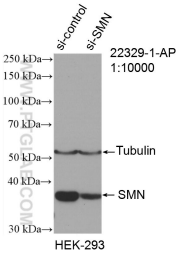
Stockage

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

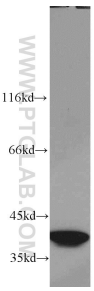
***** Les 20ul contiennent 0,1% de BSA.**

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

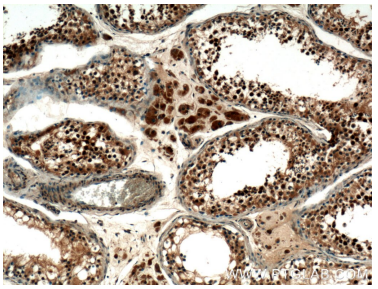
Données de validation sélectionnées



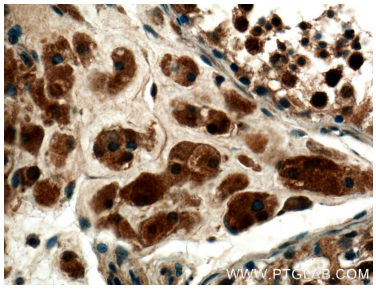
WB result of SMN antibody (22329-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SMN transfected HEK-293 cells.



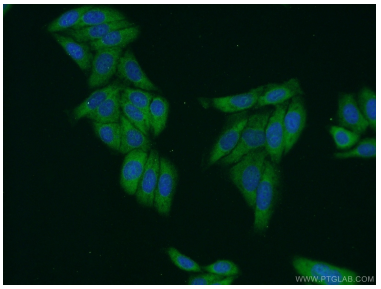
K-562 cells were subjected to SDS PAGE followed by western blot with 22329-1-AP (SMN antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 22329-1-AP (SMN antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 22329-1-AP (SMN antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 22329-1-AP (SMN antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).