À des fins de recherche uniquement

Anticorps Monoclonal anti-NXT1

Numéro de catalogue:67680-1-Ig 1 Publications

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Informations de base

Numéro de catalogue:
67680-1-Ig

Taille:
150ul , Concentration: 1600 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG30039

Numéro d'acquisition GenBank:
BC000759

Identification du gène (NCBI):
29107

Nom complet:
NTF2-like export factor 1

MW calculé
15 kDa

MW observés:
15 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
2C10A2

Dilutions recommandées:
WB 1:5000-1:50000
IF 1:200-1:800

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

Contrôles positifs:

WB : cellules A549, cellules 4T1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules NIH/3T3

IF : cellules HeLa,

Informations générales

NXT1 is located in the nuclear envelope and is homologous to nuclear transport factor 2. NXT1 functions as a nuclear export factor in both RAN (Ras-related nuclear protein)- and CRM1 (required for chromosome region maintenance)-dependent pathways. It is found to stimulate the export of U1 snRNA in RAN- and CRM1-dependent pathways and the export of tRNA and mRNA in a CRM1-independent pathway. NXT1 also heterodimerizes with Tap protein and regulates the ability of Tap protein to mediate nuclear mRNA export.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mio Iwasaki	35573189	iScience	WB

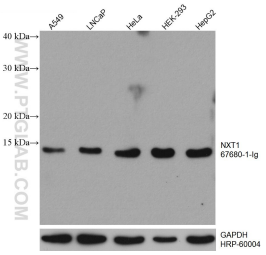
Stockage

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

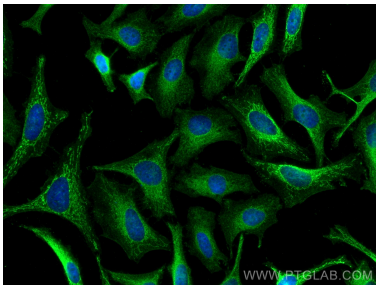
*** Les 20ul contiennent 0,1% de BSA.

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

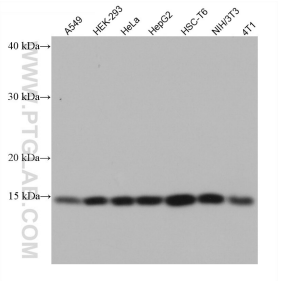
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67680-1-Ig (NXT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NXT1 antibody (67680-1-Ig, Clone: 2C10A2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 67680-1-Ig (NXT1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.