

NXT1 Monoclonal antibody, PBS Only

Catalog Number: 67680-1-PBS

Basic Information

Catalog Number:

67680-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG30039

GenBank Accession Number:

BC000759

GeneID (NCBI):

29107

UNIPROT ID:

Q9UJK6

Full Name:

NTF2-like export factor 1

Calculated MW:

15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

2C10A2

Applications

Tested Applications:

WB, Indirect ELISA, IF

Species Specificity:

Human, mouse, rat

Background Information

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.

Storage

Storage:

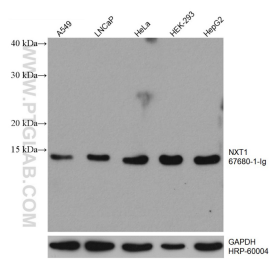
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

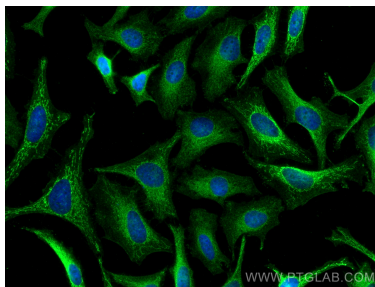
Storage Buffer:

PBS Only

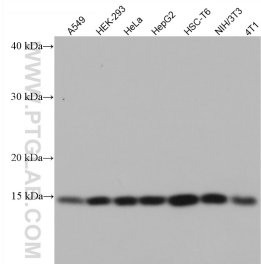
Selected Validation Data



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. This data was developed using the same antibody clone with 67680-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67680-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 67680-1-PBS in a different storage buffer formulation.