Leader in Biomolecular Solutions for Life Science

Phospho-Nucleolin-T76 Rabbit mAb

Catalog No.: AP1307

Recombinant

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Basic Information

Observed MW
100 kDa

Calculated MW
77 kDa

Category
Monoclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human

Clone No.
ARC2906

Background

Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20.

Recommended Dilutions

WB	1:1000 - 1:3000
IHC-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4691

Swiss-Prot
P19338

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
C23; Nsr1; Phospho-Nucleolin-T76

Contact

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Product Information

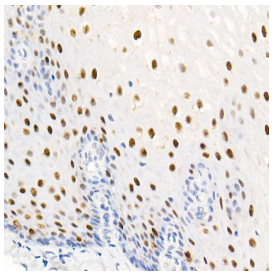
Source
Rabbit

Isotype
IgG

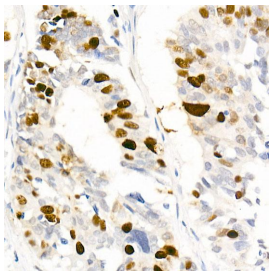
Purity
Affinity purification

Storage
Store at -20℃

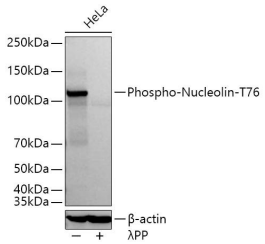
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human esophagus using Phospho-Nucleolin-T76 Rabbit mAb (AP1307) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Phospho-Nucleolin-T76 Rabbit mAb (AP1307) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Western blot analysis of lysates from HeLa cells using Phospho-Nucleolin-T76 Rabbit mAb (AP1307) at 1:1000 dilution incubated overnight at 4℃. HeLa cells were treated with λpp (2 U/μL) at 30℃ for 1 hour.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.

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