

For Research Use Only

NSBP1 Polyclonal antibody, PBS Only

Catalog Number: 23955-1-PBS



Basic Information

Catalog Number:

23955-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20884

GenBank Accession Number:

BC005342

GeneID (NCBI):

79366

UNIPROT ID:

P82970

Full Name:

nucleosomal binding protein 1

Calculated MW:

282 aa, 32 kDa

Observed MW:

55 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

NSBP1, also named Nucleosome-binding protein 1 or HMGN5, is a 282 amino acid protein, which belongs to the HMGN family. NSBP1 localizes in the nucleus and is ubiquitously expressed. NSBP1 preferentially binds to euchromatin and modulates cellular transcription by counteracting linker histone-mediated chromatin compaction. Western blots shows the expression of NSBP1 as a 55kDa protein in human bladder cancer cells. (PMID: 21695596).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

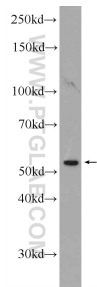
For technical support and original validation data for this product please contact:

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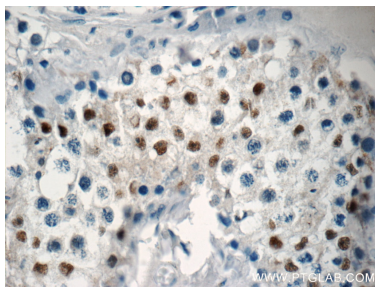
E: proteintech@ptglab.com
W: ptglab.com

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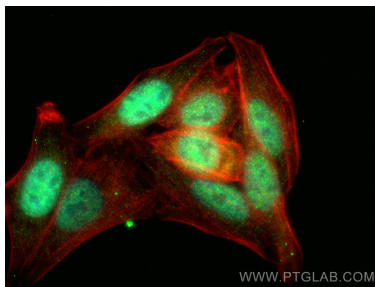
Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 23955-1-AP (NSBP1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23955-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 23955-1-AP (NSBP1 Antibody) at dilution of 1:400 (under 40x lens). This data was developed using the same antibody clone with 23955-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NSBP1 antibody (23955-1-AP) at dilution of 1:600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 23955-1-PBS in a different storage buffer formulation.