

Product Datasheet

pre-mRNA cleavage factor I (59 kDa subunit) Antibody - BSA Free NB100-61600

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 2

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NB100-61600

pre-mRNA cleavage factor I (59 kDa subunit) Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

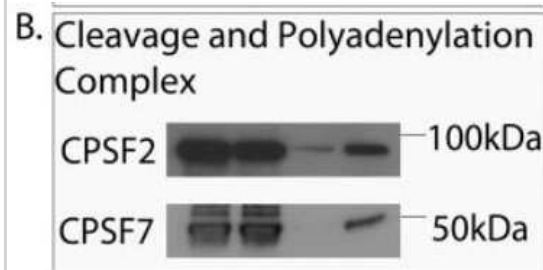
Product Description	
Description	Novus Biologicals Rabbit pre-mRNA cleavage factor I (59 kDa subunit) Antibody - BSA Free (NB100-61600) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-pre-mRNA cleavage factor I (59 kDa subunit) Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	79869
Gene Symbol	CPSF7
Species	Human, Mammal, Primate
Reactivity Notes	Based on 100% sequence identity, this antibody is predicted to react with White-tufted-ear marmoset, Crab-eating Macaque, Small-eared Galago and Northern White-cheeked Gibbon. Mammal reactivity reported in scientific literature (PMID: 27180817). Primate reactivity reported in scientific literature (PMID: 24147125).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 175 and 225 of human cleavage and polyadenylation specificity factor 7, 59 kDa subunit using the numbering given in entry NP_079087.2 (GeneID 79869).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Although not tested this antibody may be useful in Immunocytochemistry/Immunofluorescence.

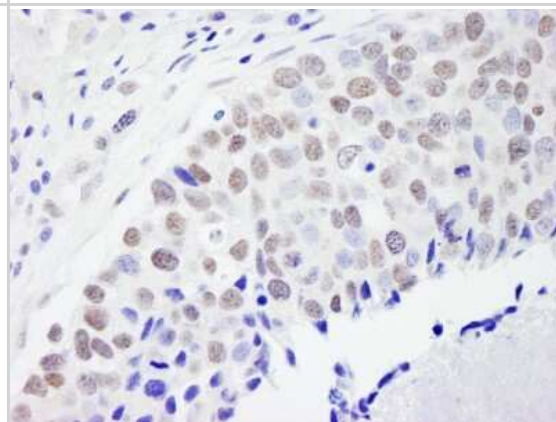


Images

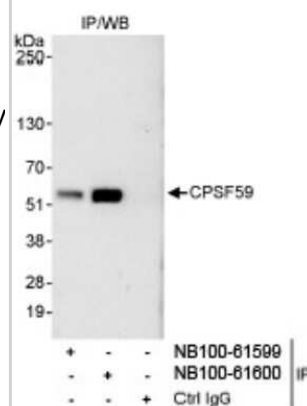
Western Blot: pre-mRNA cleavage factor I (59 kDa subunit) Antibody [NB100-61600] - ICP4 containing complexes include TFIIF, cleavage and polyadenylation complex and chromatin remodeling complexes. Western blot analysis of nuclear extracts (NE) or affinity purified (PD) samples collected at 6 hpi using either wtICP4 (KOS) or TAP-wtICP4 (TAP) expressing viruses. Antibodies directed against CPSF2 and CPSF7 of the cleavage and polyadenylation complex were used. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0078242>), licensed under a CC-BY license.



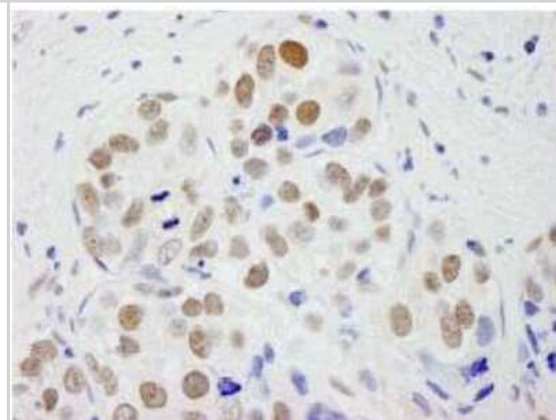
Immunohistochemistry: pre-mRNA cleavage factor I (59 kDa subunit) Antibody [NB100-61600] - Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-CPSF59 used at a dilution of 1:500 (2ug/ml). Detection: DAB



Western Blot: pre-mRNA cleavage factor I (59 kDa subunit) Antibody [NB100-61600] - Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Affinity purified rabbit anti-CPSF59 antibody NB100-61600 used for IP at 3 mcg/mg lysate. CPSF59 was also immunoprecipitated by rabbit anti-CPSF59 antibody NB100-61599, which recognizes an upstream epitope.



Immunohistochemistry-Paraffin: pre-mRNA cleavage factor I (59 kDa subunit) Antibody [NB100-61600] - FFPE section of human breast carcinoma. Affinity purified rabbit anti-CPSF59 used at a dilution of 1:250.



Publications

Wagner LM, Deluca NA Temporal Association of Herpes Simplex Virus ICP4 with Cellular Complexes Functioning at Multiple Steps in PolII Transcription PLoS One 2013-10-11 [PMID: 24147125] (WB, Monkey)

Details:

Chlorocebus pygerythrus (Vervet monkey)

Mandal A, Mandal S, Park MH. Global quantitative proteomics reveal up-regulation of endoplasmic reticulum stress response proteins upon depletion of eIF5A in HeLa cells. Nature Publishing Group. 2016-05-16 [PMID: 27180817] (WB, Mammal)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-61600

NBL1-10752	pre-mRNA cleavage factor I (59 kDa subunit) Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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