

Product Datasheet

Claspin Antibody - BSA Free

NB100-246

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-246

Claspin 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)

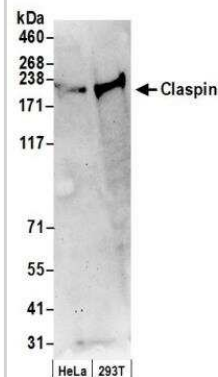
Product Description	
Host	Rabbit
Gene ID	63967
Gene Symbol	CLSPN
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 450 and 500 of human Claspin using the numbering given in entry AAG24515.1 (GeneID 63967).

Product Application Details	
Applications	Western Blot, Immunoprecipitation (Negative)
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunoprecipitation (Negative)
Application Notes	By Western blot, this antibody recognizes bands around 175 kDa representing Claspin. Not suitable for Immunoprecipitation. *The investigator should determine the optimal working dilution for a specific application. **Use NB 100-247 and/or NB 100-248 for Immunoprecipitation.

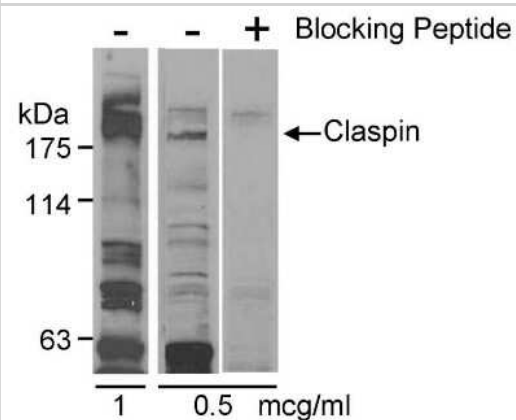


Images

Western Blot: Claspin Antibody [NB100-246] - Detection of Human Claspin by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Claspin antibody NB100-246 used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Western Blot: Claspin Antibody [NB100-246] - Whole cell lysate (20 ug) from HeLa cells. Antibody used at 1 or 0.5 ug/ml with (+) or without (-) blocking peptide.



Publications

Lavik AR, McColl KS, Lemos FO et al. A non-canonical role for pyruvate kinase M2 as a functional modulator of Ca²⁺ signalling through IP3 receptors *Biochimica et biophysica acta. Molecular cell research* 2022-01-11 [PMID: 35026348] (IP, Human)

Yoshizawa-Sugata N, Masai H. Human Tim/Timeless-interacting protein, Tipin, is required for efficient progression of S phase and DNA replication checkpoint. *J Biol Chem* 2007-01-01 [PMID: 17102137]

Rodriguez-Bravo V, Guaita-Esteruelas S, Florensa R et al. Chk1- and claspin-dependent but ATR/ATM- and Rad17-independent DNA replication checkpoint response in HeLa cells. *Cancer Res* 2006-09-01 [PMID: 16951182]

Jiang K, Pereira E, Maxfield M et al. Regulation of Chk1 includes chromatin association and 14-3-3 binding following phosphorylation on Ser-345. *J Biol Chem* 2003-07-01 [PMID: 12676962]



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Products Related to NB100-246

NB800-PC1	HeLa Whole Cell 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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