

Product Datasheet

Claspin Antibody - BSA Free

NB100-248

Unit Size: 100 ul

Store at 4C. Do not freeze.

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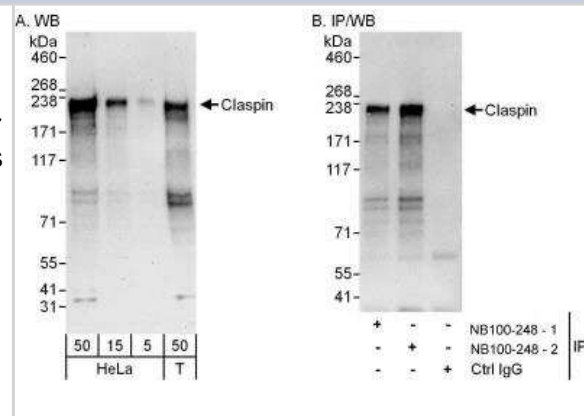
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	180 kDa

Product Description	
Host	Rabbit
Gene ID	63967
Gene Symbol	CLSPN
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:31825846).
Immunogen	The immunogen recognized by this antibody maps to a region between residues 900 and 950 of human Claspin using the numbering given in entry AAG24515.1 (GeneID 63967).

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2-10 ug/mg of lysate
Application Notes	Use in ICC/IF reported in scientific literature (PMID:31825846).

Images

Western Blot: Claspin Antibody [NB100-248] - Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 ug) cells. Affinity purified rabbit anti-Claspin antibody NB100-248 (lot number 2) used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. Claspin was also immunoprecipitated by a previous lot (lot number 1) of this antibody. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).



Publications

Giuliani V, Miller MA, Liu CY Et al. PRMT1-dependent regulation of RNA metabolism and DNA damage response sustains pancreatic ductal adenocarcinoma Nature communications 2021-07-30 [PMID: 34330913] (WB, Human)

Rai R, Gu P, Broton C The Replisome Mediates A-NHEJ Repair of Telomeres Lacking POT1-TPP1 Independently of MRN Function Cell Rep 2019-12-10 [PMID: 31825846] (ICC/IF, WB, Mouse, Human)

Benevolo M, Musio A, Vocaturo A et al. Claspin as a biomarker of human papillomavirus-related high grade lesions of uterine cervix. J Transl Med 2012-06-01 [PMID: 22731782]

Gao D, Inuzuka H, Korenjak M et al. Cdh1 regulates cell cycle through modulating the claspin/Chk1 and the Rb/E2F1 pathways. Mol Biol Cell 2009-07-01 [PMID: 19477924]

Jiang et al. J Biol Chem. 2003-01-01





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Products Related to NB100-248

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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