

Product Datasheet

MCM7 Antibody - BSA Free

NBP1-31350

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-31350

MCM7 Antibody - BSA Free

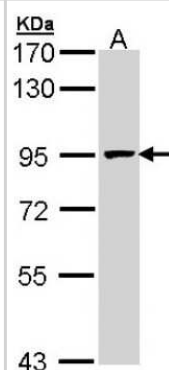
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	81 kDa

Product Description	
Host	Rabbit
Gene ID	4176
Gene Symbol	MCM7
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Zebrafish (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human MCM7. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP) Assay dependent

Images

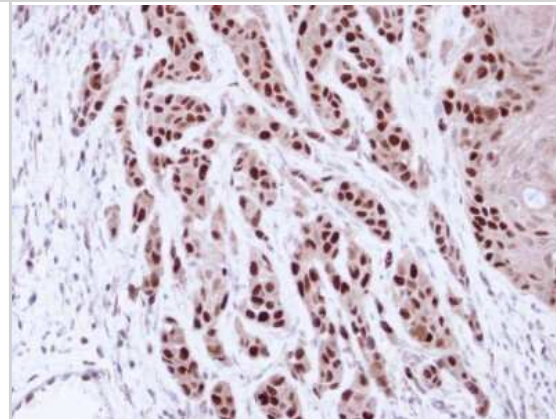
Western Blot: MCM7 Antibody [NBP1-31350] - Sample (30 ug of whole cell lysate) A: H1299 7. 5% SDS PAGE; antibody diluted at 1:1000.



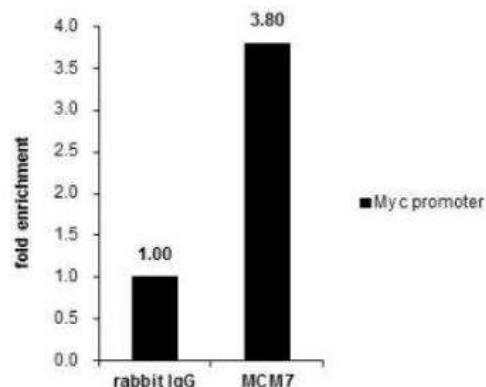
Immunocytochemistry/Immunofluorescence: MCM7 Antibody [NBP1-31350] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



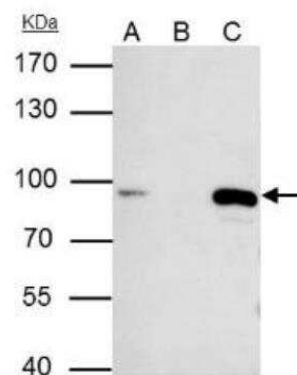
Immunohistochemistry-Paraffin: MCM7 Antibody [NBP1-31350] - Paraffin-embedded Cal27 Xenograft, using antibody at 1:100 dilution.



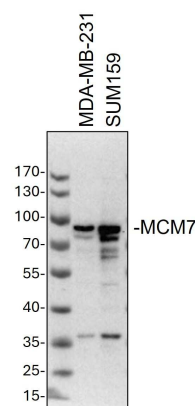
Chromatin Immunoprecipitation (ChIP): MCM7 Antibody [NBP1-31350] - Cross-linked ChIP was performed with HeLa chromatin extract and 5 ug of either control rabbit igG or anti-MCM7 antibody. The precipitated DNA was detected by PCR with primer set targeting to Myc promoter.



Immunoprecipitation: MCM7 Antibody [NBP1-31350] - MCM7 antibody [N2C2], Internal immunoprecipitates MCM7 protein in IP experiments. IP samples: HeLa whole cell extract. A. 40 ug HeLa whole cell extract. B. Control with 4 ug of preimmune Rabbit IgG. C. Immunoprecipitation of MCM7 protein by 4 ug MCM7 antibody [N2C2], Internal. 7.5 % SDS-PAGE. The immunoprecipitated MCM7 protein was detected by MCM7 antibody [N2C2], Internal (GTX110278) diluted at 1:1000. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



Western Blot: Rabbit Polyclonal MCM7 Antibody [NBP1-31350] - Whole cell lysates from MDA-MB-231 and SUM159 cells were loaded with 50 ug/lane. 10% SDS-PAGE. MCM7 Antibody (NBP1-31350) was used for primary antibody: 1:1000, 4°C, overnight. Image from a verified customer review.



Publications

Hubbi ME, Gilkes DM, Hu H et al. Cyclin-dependent kinases regulate lysosomal degradation of hypoxia-inducible factor 1alpha to promote cell-cycle progression. *Proc Natl Acad Sci U S A*. 2014-07-28 [PMID: 25071185] (WB, Human)

Hubbi ME, Kshitiz, Gilkes D Met al. A nontranscriptional role for HIF-1alpha as a direct inhibitor of DNA replication. *Sci Signal* 2013-02-12 [PMID: 23405012]

Hubbi ME, Luo W, Baek JH et al. MCM proteins are negative regulators of hypoxia-inducible factor 1 *Mol Cell* 2011-06-10 [PMID: 21658608] (WB, Human)



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Products Related to NBP1-31350

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51540-0.1mg	Recombinant Human MCM7 His Protein

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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