

# Product Datasheet

## CLOCK Antibody (HL1099) - Azide and BSA Free NBP3-13718

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-13718**

CLOCK Antibody (HL1099) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1099
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

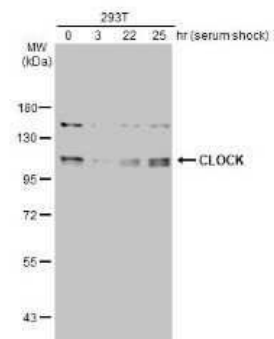
Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	9575
Gene Symbol	CLOCK
Species	Human
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human CLOCK. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot

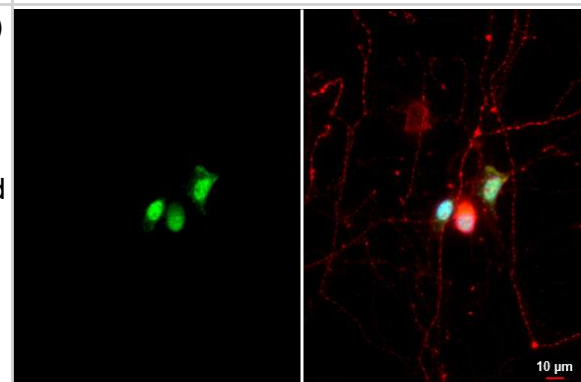


## Images

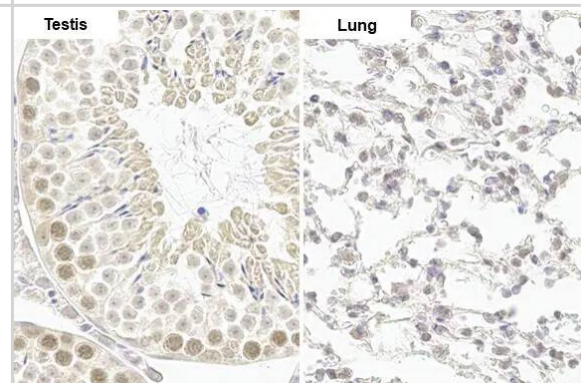
**Western Blot: CLOCK Antibody (HL1099) [NBP3-13718] - Untreated (-) and treated (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CLOCK antibody [HL1099] (NBP3-13718) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.**



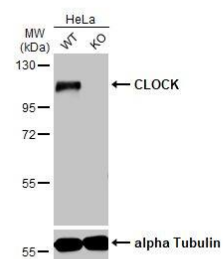
**Immunocytochemistry/ Immunofluorescence: CLOCK Antibody (HL1099) [NBP3-13718] - CLOCK antibody [HL1099] detects CLOCK protein by immunofluorescent analysis. Sample: DIV9 rat hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CLOCK stained by CLOCK antibody [HL1099] (NBP3-13718) diluted at 1:500. Red: Tau, a Axon marker, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI .**



**Immunohistochemistry-Paraffin: CLOCK Antibody (HL1099) [NBP3-13718] - CLOCK antibody [HL1099] detects CLOCK protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. CLOCK stained by CLOCK antibody [HL1099] (NBP3-13718) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min**



**Western Blot: CLOCK Antibody (HL1099) [NBP3-13718] - Wild-type (WT) and NME4 knockout (KO) HeLa cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CLOCK antibody [HL1099] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.**





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### **Products Related to NBP3-13718**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009575-Q01-10ug	Recombinant Human CLOCK GST (N-Term) Protein

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### **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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