

## BMAL1 antibody [N1N3]

Cat. No. GTX105060

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 69 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.65 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human BMAL1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

## Note

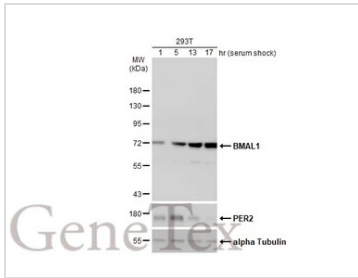
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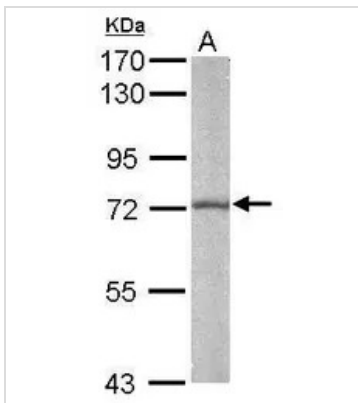
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## DATA IMAGES



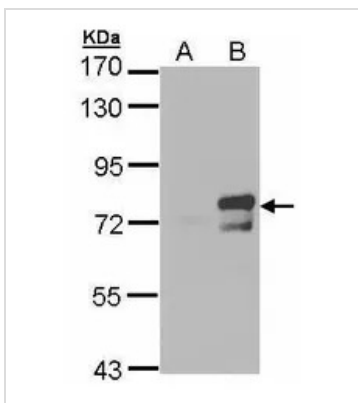
### GTx105060 WB Image

Treated 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with BMAL1 antibody [N1N3] (GTx105060) and PER2 antibody (GTx129688) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. The observed expression level is based on the publication: PMID: [16109848](#), [28803917](#)



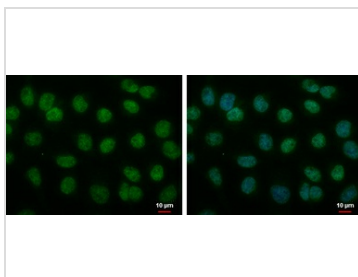
### GTx105060 WB Image

Sample (50 ug of whole cell lysate)  
A: Mouse brain  
7.5% SDS PAGE  
GTx105060 diluted at 1:1000



### GTx105060 WB Image

Western Blot analysis of BMAL1 expression in transfected 293T cell line by BMAL1 polyclonal antibody. A: Non-transfected lysate. B: BMAL1 transfected lysate. 7.5% SDS PAGE GTx105060 diluted at 1:500



### GTx105060 ICC/IF Image

BMAL1 antibody [N1N3] detects BMAL1 protein at nucleus by immunofluorescent analysis. Sample: A375 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: BMAL1 protein stained by BMAL1 antibody [N1N3] (GTx105060) diluted at 1:500. Blue: Hoechst 33342 staining.



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