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BMAL1 Polyclonal Antibody

Catalog Number **PA5-34830**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Recombinant fragment corresponding to a region within amino acids 366 and 585 of MOP3 (Uniprot ID#O00327)
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunoprecipitation (IP)	5 µg
Western Blot (WB)	1:500-1:3,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: A431, H1299, HeLa, HepG2. Predicted reactivity: Mouse (98%), Rat (99%), Pig (100%), Chicken (88%), Sheep (97%), Rhesus Monkey (100%), Bovine (99%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. This complex binds an E-box upstream of the PER1 gene, activating this gene and possibly other circadian rhythym-associated genes. Three transcript variants encoding two different isoforms have been found for this gene.

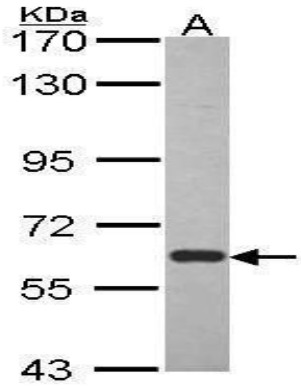
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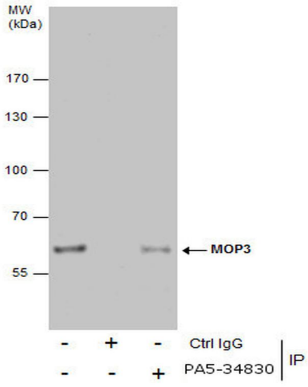
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Product Images For BMAL1 Polyclonal Antibody



BMAL1 Antibody (PA5-34830) in WB

Western blot analysis of ARNTL/BMAL1 using 30 µg of H1299 lysate. Samples were loaded onto a 7.5% SDS-PAGE gel and probed with an ARNTL/BMAL1 polyclonal antibody (Product # PA5-34830) at a dilution of 1:1000.



BMAL1 Antibody (PA5-34830) in IP

Immunoprecipitation of MOP3 in HeLa whole cell lysates using 5 µg of MOP3 polyclonal antibody (Product # PA5-34830). Western blot analysis performed using MOP3 polyclonal antibody (Product # PA5-34830).

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