

BMAL1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Bacterially expressed human BMAL1 (amino acids 392-626). [UniProt# O00327].
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_2258598

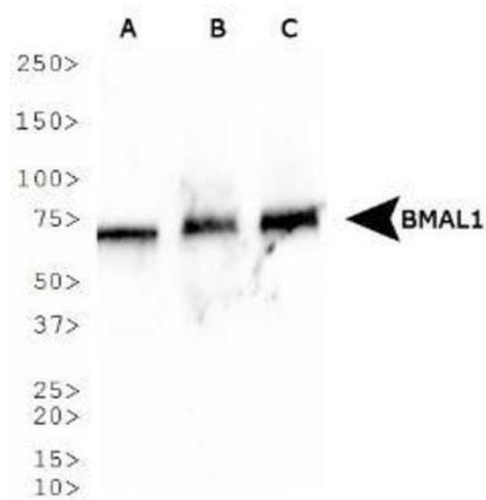
Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-2 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:250	-
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	Assay-Dependent	-
ChIP assay (ChIP)	Assay-Dependent	-

Product Specific Information

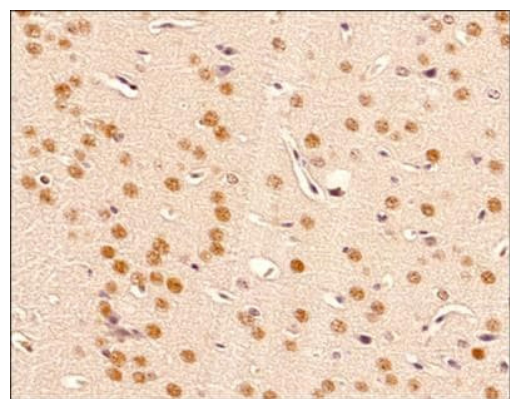
Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended.

Suggested positive control: antigen standard for ARNTL (transient overexpression lysate), reticulocyte lysate.

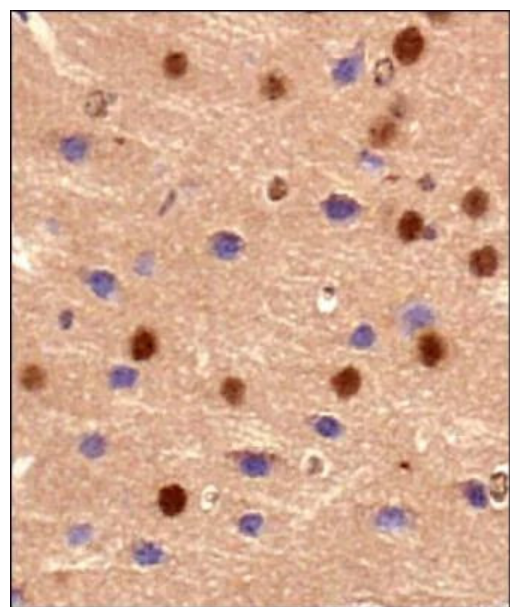
Product Images For BMAL1 Polyclonal Antibody



BMAL1 Antibody (PA1-46118) in WB
Western blot analysis of BMAL1 in A) MCF7, B) NIH/3T3, C) PC12. Samples were incubated in BMAL1 polyclonal antibody (Product # PA1-46118).



BMAL1 Antibody (PA1-46118) in IHC (P)
Immunohistochemical analysis of BMAL1 in formalin-fixed paraffin-embedded tissue section of mouse brain. Samples were incubated in BMAL1 polyclonal antibody (Product # PA1-46118) using a dilution of 1:200 followed by HRP labeled anti-rabbit IgG secondary antibody and DAB reagent. Nuclei of cells were counter-stained with hematoxylin. This BMAL1 antibody generated a specific nuclear staining in most of the cells and a relatively weaker cytoplasmic signal was also observed.



BMAL1 Antibody (PA1-46118) in IHC (P)
Immunohistochemical analysis of BMAL1 in mouse brain. Samples were incubated with BMAL1 polyclonal antibody (Product # PA1-46118) followed by using DAB with hematoxylin counterstain.

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Immunohistochemistry (1)

Journal of Alzheimer's disease : JAD	Year 2021
Metabolic Profiling of Suprachiasmatic Nucleus Reveals Multifaceted Effects in an Alzheimer's Disease Mouse Model.	Species Mouse
"PA1-46118 was used in Immunohistochemistry-immunofluorescence to suggest that redox disbalance and compromised GABA signaling are important denominators and connectors between neuroinflammation and clock dysfunction in AD."	
Authors: Eeza MNH,Singer R,Höfling C,Matysik J,de Groot HJM,Roner S,Alia A	

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