

Rabbit anti-Human, Mouse BMAL1 Polyclonal Antibody | anti-BMAL1 antibody

Rabbit anti-BMAL1 Antibody, Affinity Purified

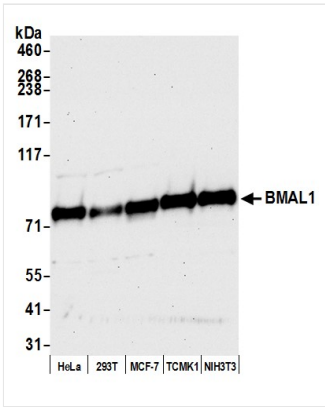
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211942	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

BMAL1; Polyclonal Antibody; Rabbit anti-BMAL1 Antibody; Affinity Purified; class E basic helix-loop-helix protein 5; JAP3; testis tissue sperm-binding protein Li 50e; PASD3; PAS domain-containing protein 3; PAS domain containing 3; MOP3; member of PAS protein 3; TIC; basic helix-loop-helix family member e5; brain and muscle ARNT-like 1; member of PAS superfamily 3; aryl hydrocarbon receptor nuclear translocator-like protein 1; basic-helix-loop-helix-PAS orphan MOP3; basic-helix-loop-helix-PAS protein MOP3; bHLHe5; bHLH-PAS protein JAP3; BMAL1c; ARNT-like protein 1; brain and muscle; Aryl hydrocarbon receptor nuclear translocator-like protein 1; aryl hydrocarbon receptor nuclear translocator like; anti-BMAL1 antibody

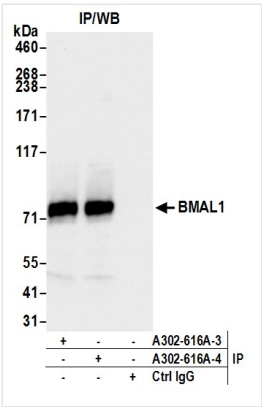
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BMAL1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Horse, Golden hamster, Orangutan
Immunogen	Between 576 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse BMAL1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, MCF-7, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BMAL1 antibody AAA211942 (lot AAA211942-4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human BMAL1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BMAL1 antibody AAA211942 (lot AAA211942-4) used for IP at 6 ug per reaction. BMAL1 was also immunoprecipitated by a previous lot of this antibody (lot AAA211942-3). For blotting immunoprecipitated BMAL1, AAA211942 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-BMAL1 antibody	BMAL1 [brain and muscle aryl hydrocarbon receptor nuclear translocator (ARNT)-like 1] 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 rhythm-associated genes [taken from NCBI Entrez Gene (GeneID: 406)].
Product Categories/Family for anti-BMAL1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	71852580
NCBI GeneID	406
NCBI Accession #	NP_001025443.1
NCBI GenBank Nucleotide #	NM_001030272.1
UniProt Accession #	O00327; O00313; O00314; O00315; O00316; O00317; Q4G136; A2I2N6; A8K645; B5ME11; B7WPG7; D3DQW6
Molecular Weight	626
NCBI Official Full Name	aryl hydrocarbon receptor nuclear translocator-like protein 1 isoform a
NCBI Official Synonym Full Names	aryl hydrocarbon receptor nuclear translocator-like
NCBI Official Symbol	ARNTL
NCBI Official Synonym Symbols	TIC; JAP3; MOP3; BMAL1; PASD3; BMAL1c; bHLHe5
NCBI Protein Information	aryl hydrocarbon receptor nuclear translocator-like protein 1; bHLH-PAS protein JAP3; member of PAS protein 3; member of PAS superfamily 3; brain and muscle ARNT-like 1; PAS domain-containing protein 3; ARNT-like protein 1, brain and muscle; basic-helix-l
UniProt Protein Name	Aryl hydrocarbon receptor nuclear translocator-like protein 1
UniProt Gene Name	ARNTL
UniProt Synonym Gene Names	BHLHE5; BMAL1; MOP3; PASD3; bHLHe5
UniProt Entry Name	BMAL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bmal1-antibody-immunoprecipitation-western-blot-elisa/211942>