

Rabbit BMAL1 Polyclonal Antibody | anti-BMAL1 antibody

BMAL1 antibody

CATALOG # AAA224353	HOST Rabbit	APPLICATIONS Western Blot
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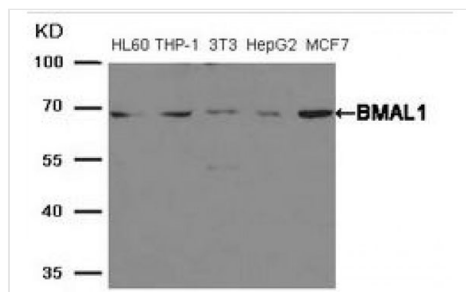
PRODUCT SYNONYMS

BMAL1; Polyclonal Antibody; BMAL1 antibody; Polyclonal BMAL1; Anti-BMAL1; RNTL; BMAL1c; BMAL 1; Aryl hydrocarbon receptor nuclear translocator-like; MOP3; PASD3; BMAL-1; JAP3; TIC; MGC47515; anti-BMAL1 antibody

PRODUCT SPECIFICATIONS

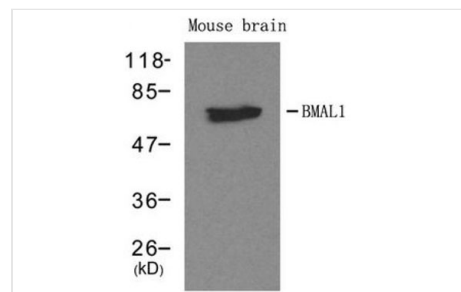
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	BMAL1 antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	633
Applicable Applications for anti-BMAL1 antibody	WB (Western Blot)
Biological Significance	BMAL1 is a gene which is associated with susceptibility to hypertension and type 2 diabetes. The protein encoded by this gene is a basic-helix-loop-helix PAS (bHLH-PAS) domain containing protein that forms a heterodimer with a second bHLH-PAS protein, Clock, or its ortholog, Npas2. This complex binds to E-box response elements in promoter regions of many genes including those encoding the Period (Per1, Per2, Per3) and Cryptochrome (Cry1 and Cry2) proteins.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	BMAL1 antibody was raised in Rabbit using the peptide sequence around aa 569~573 (S-S-S-I-L) derived from Human BMAL1 as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HL60, THP-1, 3T3, HepG2 and MCF7 cells using BMAL1 antibody



WB (Western Blot)

Western blot analysis of extracts from mouse brain tissue using BMAL1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-BMAL1 antibody	Rabbit polyclonal BMAL1 antibody
Product Categories/Family for anti-BMAL1 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	37722551
Molecular Weight	69,551 Da
NCBI Official Full Name	BMAL1, partial
UniProt Protein Name	Aryl hydrocarbon receptor nuclear translocator-like protein 1
UniProt Gene Name	ARNTL
UniProt Synonym Gene Names	BMAL1
UniProt Entry Name	BMAL1_TYTAL

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-western-blot-elisa/224353>