

Rabbit BMAL1 Polyclonal Antibody | anti-BMAL1 antibody

BMAL1 Antibody

CATALOG # AAA303371	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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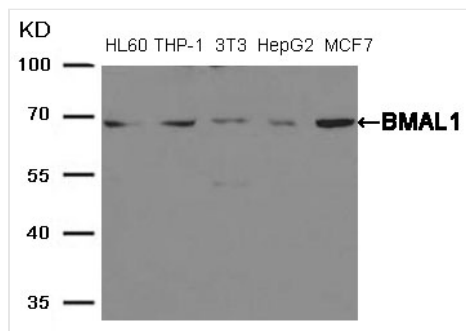
PRODUCT SYNONYMS

BMAL1; Polyclonal Antibody; BMAL1 Antibody; MOP3; BMAL1c; ARNTL; TIC; anti-BMAL1 antibody

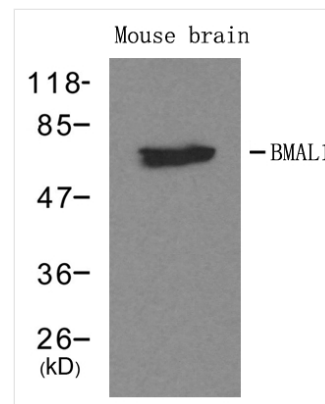
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total BMAL1 protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	625
Applicable Applications for anti-BMAL1 antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.569~573 (S-S-S-I-L) derived from Human BMAL1.
Target Name	BMAL1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

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	ARNTL-CLOCK heterodimers activate E-box element (3'-CACGTG-5') transcription of a number of proteins of the circadian clock. This transcription is inhibited in a feedback loop by PER, and also by CRY proteins
Product Categories/Family for anti-BMAL1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	71852580
NCBI GeneID	406
NCBI Accession #	NP_001025443.1
NCBI GenBank Nucleotide #	NM_001030272.2
UniProt Accession #	O00327; O00313; O00314; O00315; O00316; O00317; Q4G136; A2I2N6; A8K645; B5ME11; B7WPG7; D3DQW6
Molecular Weight	64,136 Da
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
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-western-blot-elisa/303371>