ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-BMAL1 / ARNTL Antibody

Item Number	dAP-1730
Target Molecule	Principle Name: BMAL1 / ARNTL; Official Symbol: ARNTL; All Names and Symbols: ARNTL; BMAL1; aryl hydrocarbon receptor nuclear translocator-like; BMAL1c; JAP3; MGC47515; MOP3; PASD3; TIC; ARNT-like protein 1, brain and muscle; bHLH-PAS protein JAP3; basic-helix-loop-helix-PAS orphan MOP3; member of PAS superfamily 3; Accession Number (s): NP_001169.3; NP_001025444.1; Human Gene ID(s): 406; Non-Human GeneID(s): 11865 (mouse) 29657 (rat)
Immunogen	REKITTNCYKFKIKD, is from internal region This antibody is expected to recognize both reported isoforms (NP_001025444.1; NP_001025443.1). Reported variants represent identical protein (NP_001025443.1; NP_001169.3).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx. 70+75kDa bands observed in Human Brain (Cerebellum) lysates (calculated MW of 68.7kDa according to NP_001169.3 and 64.1kDa according to NP_001025444.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Fuller PM, Lu J, Saper CB. Differential rescue of light- and food-entrainable circadian rhythms. Science 2008 May 320 (5879): 1074-7..PMID: 18497298->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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