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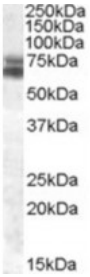
ARNTL Antibody

CATALOG NUMBER: 46-924



Western blot analysis of ARNTL in human cerebellum lysate (35 ug protein in RIPA buffer) using ARNTL Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8,000. Western Blot: Approximately 70+75 kDa bands observed in human cerebellum lysates (calculated MW of 68.7 kDa according to NP_001169.3 and 64.1 kDa according to NP_001025444.1).
POSITIVE CONTROL:	1) Cat. No. 1362 - Human Cerebellum, Left Lysate Cat. No. 1363 - Human Cerebellum, Right Lysate
SPECIFICITY:	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
IMMUNOGEN:	ARNTL antibody was raised against a 15 amino acid synthetic peptide near the internal region of ARNTL.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ARNTL antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ARNTL antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	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, BHLHE5

ACCESSION NO.:	NP_001169.3, NP_001025444.1
PROTEIN GI NO.:	42716311
OFFICIAL SYMBOL:	ARNTL
GENE ID:	406

Background

REFERENCES:	1) Fuller PM, Lu J, Saper CB. Differential rescue of light- and food-entrainable circadian rhythms. Science 2008 May 320 (5879): 1074-7.

FOR RESEARCH USE ONLY

December 13, 2016