

For Research Use Only

ARNTL2 Polyclonal antibody, PBS Only

Catalog Number: 23908-1-PBS



Basic Information

Catalog Number:

23908-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21003

GenBank Accession Number:

BC000172

GeneID (NCBI):

56938

UNIPROT ID:

Q8WYA1

Full Name:

aryl hydrocarbon receptor nuclear translocator-like 2

Calculated MW:

636 aa, 71 kDa

Observed MW:

70 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

ARNTL2 (Aryl Hydrocarbon Receptor Nuclear Translocator Like 2), also known as BMAL2 (Brain and Muscle ARNT-Like 2), is a core component of the circadian clock genes within the PAS (PER, ARNT, SIM) superfamily (PMID: 27671790). ARNTL2 has also been demonstrated to play an essential role in various tumors, it is associated with poor survival and immune infiltration in clear cell renal cell carcinoma and triple-Negative Breast Cancer (PMID: 34785930). Besides, ARNTL2 has also been found to promote metastasis of colon carcinoma and estrogen Receptor-Negative Breast Cancer (PMID: 27656887).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

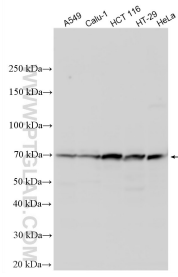
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23908-1-AP (ARNTL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23908-1-PBS in a different storage buffer formulation.