

For Research Use Only

BTNL2 Polyclonal antibody

Catalog Number: 25110-1-AP

1 Publications



Basic Information

Catalog Number:

25110-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18803

GenBank Accession Number:

BC127642

GeneID (NCBI):

56244

UNIPROT ID:

Q9UIR0

Full Name:

butyrophilin-like 2 (MHC class II associated)

Calculated MW:

455 aa, 50 kDa

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB: HL-60 cells, mouse kidney tissue, HepG2 cells, K-562 cells

Background Information

Butyrophilin-like protein 2 (BTNL2) is a transmembrane immunoregulatory protein that is highly expressed in the gastrointestinal tract. BTNL2 belongs to the butyrophilin-like family of proteins, and several of the butyrophilins and butyrophilin-like proteins, such as BTN2A1, BTN3A1, skint-1, BTNL1 and BTNL6, have been shown to play an essential role in regulating $\gamma\delta$ T cell development and differentiation.

Notable Publications

Author	Pubmed ID	Journal	Application
Yanyun Du	35017553	Nat Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

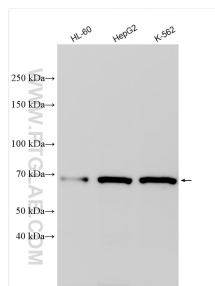
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25110-1-AP (BTNL2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.