

For Research Use Only

BTG3 Polyclonal antibody

Catalog Number: 20336-1-AP



Basic Information

Catalog Number:

20336-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14112

GenBank Accession Number:

BC011957

GeneID (NCBI):

10950

UNIPROT ID:

Q14201

Full Name:

BTG family, member 3

Calculated MW:

296 aa, 34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, LNCaP cells, U2OS cells

Background Information

BTG3 (B-cell translocation gene 3) is a member of the antiproliferative BTG/Tob gene family, which also includes BTG1, BTG2, BTG4, TOB, and TOB2. This gene family is characterized by similar N-terminal domains but divergent C-termini. BTG3 is considered a candidate tumor suppressor gene and plays a crucial role in various cellular processes, including cell proliferation, differentiation, and apoptosis. (PMID: 38714880)

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

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

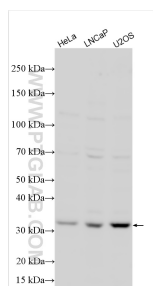
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20336-1-AP (BTG3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.