

For Research Use Only

# BTG3 Polyclonal antibody

Catalog Number: 20336-1-AP



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>20336-1-AP                          | <b>GenBank Accession Number:</b><br>BC011957 | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 700 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>10950               | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q14201                 |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>BTG family, member 3    |  |
| <b>Immunogen Catalog Number:</b><br>AG14112                   | <b>Calculated MW:</b><br>296 aa, 34 kDa      |  |
|   | <b>Observed MW:</b><br>34 kDa                |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : HeLa cells, LNCaP cells, U2OS cells |
| <b>Species Specificity:</b><br>human     |   |

## 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

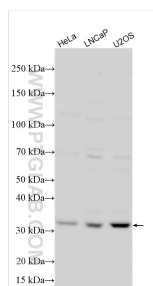
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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 20336-1-AP (BTG3 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.