

For Research Use Only

# BTG4 Polyclonal antibody

Catalog Number: 20514-1-AP



## Basic Information

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|--|--|--|
| <b>Catalog Number:</b><br>20514-1-AP   | <b>GenBank Accession Number:</b><br>BC031045     | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>150ul , Concentration: 650 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>54766                   | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IHC 1:20-1:200 |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>B-cell translocation gene 4 |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>223 aa, 26 kDa          |  |
| <b>Immunogen Catalog Number:</b><br>AG14339  | <b>Observed MW:</b><br>28-30 kDa                 |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IHC, WB, ELISA  | <b>Positive Controls:</b>                                |
| <b>Species Specificity:</b><br>human, mouse, rat   | <b>WB :</b> Caco-2 cells, HeLa cells, mouse colon tissue |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> | <b>IHC :</b> human ovary tissue, human testis tissue     |

## Background Information

### Storage

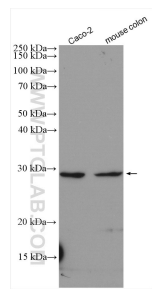
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

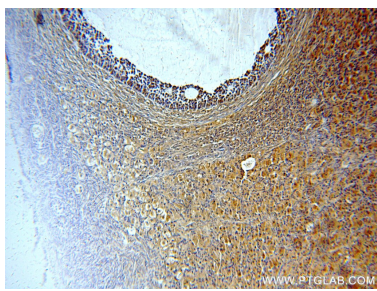
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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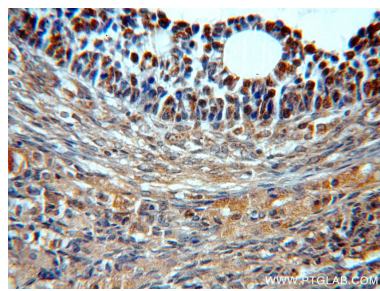
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20514-1-AP (BTG4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary using 20514-1-AP (BTG4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary using 20514-1-AP (BTG4 antibody) at dilution of 1:50 (under 40x lens).