

BTG2 Antibody

Catalog No: #35656



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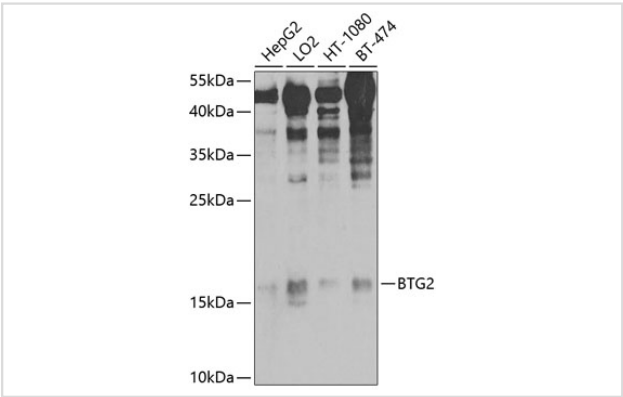
Description

Product Name	BTG2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total BTG2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein containing a sequence corresponding to amino acids 1-158 of human BTG2 (NP_006754.1).
Target Name	BTG2
Other Names	BTG2;APRO1;PC3;TIS21
Accession No.	Swiss-Prot#: P78543NCBI Gene ID: 7832Gene Accssion: BC105949
Uniprot	P78543
GeneID	7832;
SDS-PAGE MW	17kd
Concentration	1mg/ml
Formulation	Rabbit IgG in PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Western blot analysis of extracts of various cell lines, using BTG2 antibody at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit .  
Exposure time: 90s.

Background

The protein encoded by this gene is a member of the BTG/Tob family. This family has structurally related proteins that appear to have antiproliferative

properties. This encoded protein is involved in the regulation of the G1/S transition of the cell cycle. Protein BTG2 also known as BTG family member 2 or NGF-inducible anti-proliferative protein PC3 or NGF-inducible protein TIS21, is a protein that in humans is encoded by the BTG2 gene (B-cell translocation gene 2) and in other mammals by the homologous Btg2 gene. This protein controls cell cycle progression and proneural genes expression by acting as a transcription coregulator that enhances or inhibits the activity of transcription factors.

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Note: This product is for in vitro research use only