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BTG4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18501b

Product Information

Application	WB, E
Primary Accession	Q9NY30
Other Accession	NP_060059.1
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38158
Calculated MW	25970
Antigen Region	142-169

Additional Information

Gene ID	54766
Other Names	Protein BTG4, BTG family member 4, Protein PC3b, BTG4, PC3B
Target/Specificity	This BTG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 142-169 amino acids from the C-terminal region of human BTG4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BTG4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BTG4
Synonyms	PC3B
Function	Adapter protein that bridges CNOT7, a catalytic subunit of the CCR4-NOT

	complex, to EIF4E (By similarity). Facilitates maternal mRNAs decay during the maturation of oocytes and in the fertilized egg, and is required for the maternal-zygotic transition (MZT), zygotic cleavage and initiation of embryonic development (PubMed:32502391).
Tissue Location	Expressed in oocytes after germinal vesicle breakdown (PubMed:32502391). Expressed in testis and in olfactory epithelium.

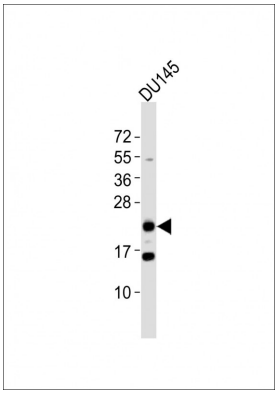
Background

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 can induce G1 arrest in the cell cycle.

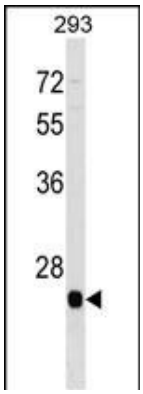
References

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Toyota, M., et al. Cancer Res. 68(11):4123-4132(2008)
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Images



Anti-BTG4 Antibody (C-term)at 1:2000 dilution + DU145 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



BTG4 Antibody (C-term) (Cat. #AP18501b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the BTG4 antibody detected the BTG4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.