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BTG3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12750c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q14201
Other Accession	NP_001124386.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32445
Calculated MW	29116
Antigen Region	100-129

Additional Information

Gene ID	10950
Other Names	Protein BTG3, Abundant in neuroepithelium area protein, BTG family member 3, Protein Tob5, BTG3, ANA, TOB5
Target/Specificity	This BTG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-129 amino acids from the Central region of human BTG3.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	BTG3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BTG3
Synonyms	ANA, TOB5

Function	Overexpression impairs serum-induced cell cycle progression from the G0/G1 to S phase.
Tissue Location	Ubiquitous. High expression in the ventricular zone of the developing central nervous system. High in ovary, testis, prostate, thymus and lung.

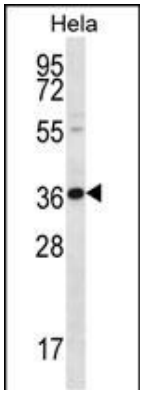
Background

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 might play a role in neurogenesis in the central nervous system. Two transcript variants encoding different isoforms have been found for this gene.

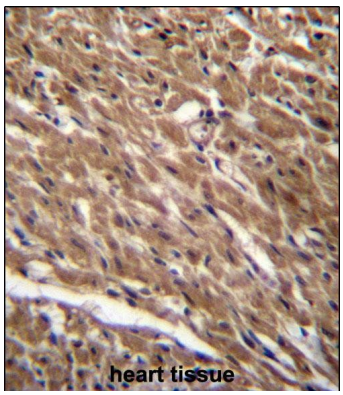
References

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Lim, J., et al. Cell 125(4):801-814(2006)
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Images



BTG3 Antibody (Center) (Cat. #AP12750c) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the BTG3 antibody detected the BTG3 protein (arrow).



BTG3 Antibody (Center) (Cat. #AP12750c)immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of BTG3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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