10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BTG3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12750c

Specification

BTG3 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q14201
Other Accession	NP_001124386.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**29116**
Antigen Region	**100-129**

BTG3 Antibody (Center) - 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~~1:10~50

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.

BTG3 Antibody (Center) - Protein Information

Name BTG3

Synonyms ANA, TOB5

Function Overexpression impairs serum-induced cell cycle progression from the G0/G1 to S phase.

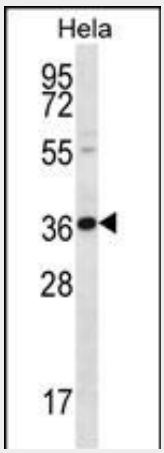
Tissue Location
Ubiquitous. High expression in the ventricular zone of the developing central nervous system. High in ovary, testis, prostate, thymus and lung.

BTG3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

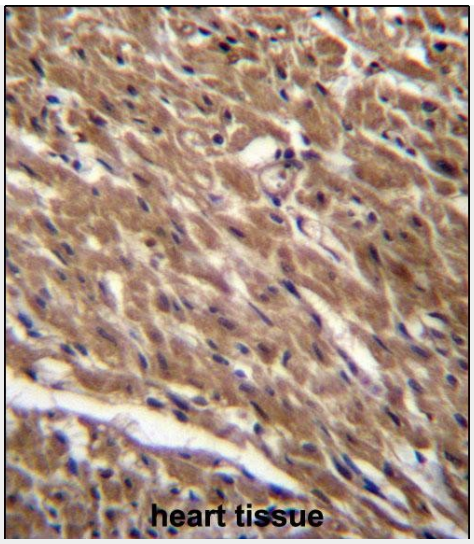
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BTG3 Antibody (Center) - 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).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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.

BTG3 Antibody (Center) - 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.

BTG3 Antibody (Center) - References

Majid, S., et al. Carcinogenesis 30(4):662-670(2009)
Yu, J., et al. Gene Expr. 14(3):173-182(2008)
Ou, Y.H., et al. EMBO J. 26(17):3968-3980(2007)
Lim, J., et al. Cell 125(4):801-814(2006)
Yoshida, Y., et al. Jpn. J. Cancer Res. 92(6):592-596(2001)