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BTG1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5111c

Product Information

Application	WB, IHC-P, E
Primary Accession	P62324
Other Accession	P27049, Q04211, P78543, Q63073, P62325, P34743, P53348
Reactivity	Human, Mouse
Predicted	Bovine, Chicken, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26174
Calculated MW	19209
Antigen Region	92-118

Additional Information

Gene ID	694
Other Names	Protein BTG1, B-cell translocation gene 1 protein, BTG1
Target/Specificity	This BTG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-118 amino acids from the Central region of human BTG1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	BTG1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BTG1
Function	Anti-proliferative protein.

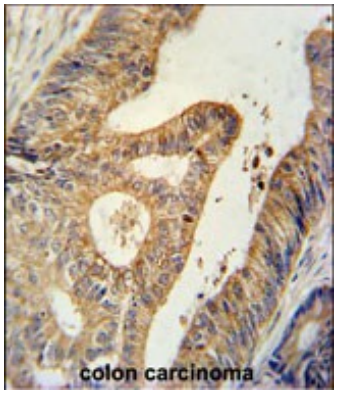
Background

BTG1 is a member of an anti-proliferative gene family that regulates cell growth and differentiation. Expression of this gene is highest in the G0/G1 phases of the cell cycle and downregulated when cells progressed through G1. The encoded protein interacts with several nuclear receptors, and functions as a coactivator of cell differentiation. This locus has been shown to be involved in a t(8;12)(q24;q22) chromosomal translocation in a case of B-cell chronic lymphocytic leukemia.

References

Camina-Tato, M., et al. J. Neuroimmunol. 213 (1-2), 142-147 (2009) Zemunik, T., et al. Croat. Med. J. 50(1):23-33(2009) Takahashi, N., et al. Exp. Hematol. 36(12):1760-1770(2008)

Images



BTG1 Antibody (Center) (Cat. #AP5111c) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the BTG1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- miR-511 promotes the proliferation of human hepatoma cells by targeting the 3'UTR of B cell translocation gene 1 (BTG1) mRNA.

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