

Rabbit BTG1 Polyclonal Antibody | anti-BTG1 antibody

BTG1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289060	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

BTG1; Polyclonal Antibody; BTG1 Antibody (Center); Protein BTG1; B-cell translocation gene 1 protein; anti-BTG1 antibody

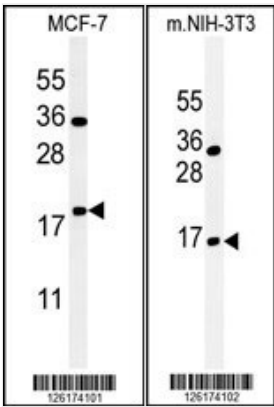
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	92-118
Sequence Length	171
Applicable Applications for anti-BTG1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
BTG1 Antibody (Center) 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.



WB (Western Blot)
LEFT)Western blot analysis of BTG1 Antibody (Center) in MCF-7 cell line lysates (35ug/lane).BTG1 (arrow) was detected using the purified Pab.(RIGHT)Western blot analysis of BTG1 Antibody (Center) in mouse NIH-3T3 tissue lysates (35ug/lane).BTG1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-BTG1 antibody	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.
Product Categories/Family for anti-BTG1 antibody	Cardiovascular; Cell biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502473
NCBI GeneID	694
NCBI Accession #	NP_001722.1
NCBI GenBank Nucleotide #	NM_001731.2
UniProt Accession #	P62324; P31607
Molecular Weight	19209
NCBI Official Full Name	protein BTG1
NCBI Official Synonym Full Names	B-cell translocation gene 1, anti-proliferative
NCBI Official Symbol	BTG1
NCBI Protein Information	protein BTG1
UniProt Protein Name	Protein BTG1
UniProt Gene Name	BTG1
UniProt Entry Name	BTG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/btg1-antibody-immunohistochemistry-western-blot-elisa/289060>