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# anti-BTG2 antibody (AA 31-110) (Biotin)



#### Overview

Quantity:	100 μL
Target:	BTG2
Binding Specificity:	AA 31-110
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTG2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human BTG2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Pig,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

## **Target Details**

Target:	BTG2
Alternative Name:	BTG2 (BTG2 Products)

## **Target Details**

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Background:	Synonyms: BTG2_HUMAN, Protein BTG2, BTG family member 2, NGF-inducible anti-prolerative
	protein PC3, pheochromacytoma cell-3, nerve growth factor-inducible anti-prolerative, B-cell
	translocation gene 2, BTG2, TIS21, PC3, TIS21.
	Background: BTG2 is a member of the BTG/Tob family. This family has structurally related
	proteins that appear to have antiproliferative properties. BTG2 is involved in the regulation of
	the G1/S transition of the cell cycle. It modulates transcription regulation mediated by
	ESR1(referenced from Entrez Gene). BTG2 expression is induced in vivo during neurogenesis,
	and the gene is transiently expressed in vitro in rat pheochromocytoma PC12 cells after
	induction of neuronal differentiation by addition of nerve growth factor (NGF), suggesting that
	BTG2 is functionally significant during the neuronal differentiation process (PMID: 12360398).
Gene ID:	7832
UniProt:	P78543
Pathways:	MAPK Signaling
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months