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# anti-BTG2 antibody (N-Term)

**Images** 



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Quantity:	0.4 mL
Target:	BTG2
Binding Specificity:	AA 40-69, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	

Immunogen:	KLH conjugated synthetic peptide between 40-69 amino acids from the N-terminal region of human BTG2
Isotype:	lg Fraction
Specificity:	This antibody reacts to BTG2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

## Target Details

Target: BTG2

## **Target Details**

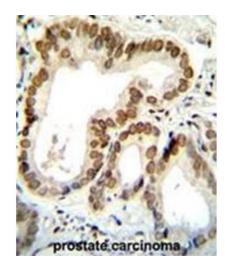
Alternative Name:	BTG2 (BTG2 Products)	
Background:	The protein encoded by this gene is a member of the BTG/Tob family. This family has structurally related proteins that appear to have antiproliferative properties. This encoded protein is involved in the regulation of the G1/S transition of the cell cycle. Synonyms: BTG family member 2, NGF-inducible anti-proliferative protein PC3, PC3	
Gene ID:	7832	
NCBI Accession:	NP_006754	
Pathways:	MAPK Signaling	

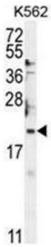
# Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** BTG2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BTG2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **Western Blotting**

**Image 2.** BTG2 Antibody (N-term) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the BTG2 antibody detected the BTG2 protein (arrow).