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anti-BTG2 antibody (N-Term)

2 Images

Background:



Publication



Go to Product page

Overview	
Quantity:	400 μL
Target:	BTG2
Binding Specificity:	AA 33-61, 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))
Product Details	
Immunogen:	This BTG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 33-61 amino acids from the N-terminal region of human BTG2.
Clone:	RB19736
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	BTG2
Alternative Name:	BTG2 (BTG2 Products)

The protein encoded by this gene is a member of the BTG/Tob family. This family has

Target Details

	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.
Molecular Weight:	17416
Gene ID:	7832
NCBI Accession:	NP_006754
UniProt:	P78543
Pathways:	MAPK Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

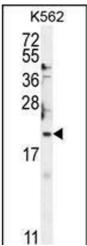
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in: Han, Rha, Chi: "MED25 is a mediator component of HNF4α-driven transcription leading to insulin secretion in pancreatic beta-cells." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e44007, (2013) (PubMed).





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. BTG2 Antibody (N-term) (ABIN654080 and ABIN2843972) 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) (ABIN654080 and ABIN2843972) western blot analysis in K562 cell line lysates (35 μ g/lane). This demonstrates the BTG2 antibody detected the BTG2 protein (arrow).