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Datasheet for ABIN6137683 anti-BTG1 antibody (AA 22-171)

Overview

Quantity:	100 µL
Target:	BTG1
Binding Specificity:	AA 22-171
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 22-171 of human BTG1 (NP_001722.1).
Sequence:	ISKFLRTKGL TSERQLQTFS QSLQELLAEH YKHHWFPEKP CKGSGYRCIR INHKMDPLIG QAAQRIGLSS QELFRLLPSE LTLWVDPYEV SYRIGEDGSI CVLYEASPAG GSTQNSTNVQ MVDSRISCKE ELLLGRTSPS KNYNMMMTVSG
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	BTG1
Alternative Name:	BTG1 (BTG1 Products)
Background:	This gene 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.,BTG1,APRO2,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Cell cycle inhibitors,Cell differentiation,Cardiovascular,Angiogenesis,BTG1
Molecular Weight:	19 kDa
Gene ID:	694
UniProt:	P62324
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.