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Datasheet for ABIN965706
anti-BTG1 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	BTG1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTG1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human BTG1(B-cell translocation gene 1 protein)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	BTG1
Alternative Name:	BTG1 (BTG1 Products)
Background:	BTG1(B-cell translocation gene 1 protein) is an anti-proliferative protein. Its expression is associated with the early G1 phase of the cell cycle. A chromosomal aberration involving BTG1 may be a cause of a form of B-cell chronic lymphocytic leukemia. BTG1 expression is maximal in the G0/G1 phases of the cell cycle and downregulated when cells progressed through G1.

Target Details

GTG1 negatively regulates cell proliferation. BTG1 is a novel important coactivator involved in the regulation of myoblast differentiation. BTG1 may play an important role in the process of angiogenesis. Antiproliferative proteins of the BTG/Tob family are degraded by the ubiquitin-proteasome system. The C-terminal regions are necessary and sufficient to control the stabilities of BTG1, BTG2, Tob, and Tob2 proteins.

Pathways: [Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 50% glycerol

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