

Anti-BTG1(B-cell translocation gene 1 protein) Polyclonal Antibody

Cat. #: 60B691

Description:

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. 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.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human BTG1(B-cell translocation gene 1 protein)

References

Rouault,J.P., et al, EMBO J. 11 (4), 1663-1670 (1992)
Busson,M., et al, Oncogene 24 (10), 1698-1710 (2005)
Iwai,K., et al, Biochem. Biophys. Res. Commun. 316 (3), 628-635 (2004)
Bakker,W.J., et al, J. Cell Biol. 164 (2), 175-184 (2004)
Sasajima,H., et al, Eur. J. Biochem. 269 (14), 3596-3604 (2002)
Rodier,A., et al, Oncogene 20 (21), 2691-2703 (2001)
Bogdan,J.A., et al, Biochem. J. 336 (PT 2), 471-481 (1998)
Corjay,M.H., et al, Lab. Invest. 78 (7), 847-858 (1998)

Species: human, mouse, rat, chicken

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)