



[Go to Product page](#)

Datasheet for ABIN2778006  
**anti-BTG2 antibody (N-Term)**

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	BTG2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTG2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human BTG2
Sequence:	MSHGKGTDM L PEIAAAVGFL SLLRTRGCV SEQRLKVFSG ALQEALTEHY
Predicted Reactivity:	Dog: 92%, Guinea Pig: 92%, Human: 100%, Mouse: 85%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against BTG2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	BTG2
Alternative Name:	BTG2 ( <a href="#">BTG2 Products</a> )

## Target Details

---

**Background:** BTG2 is an anti-proliferative protein. BTG2 modulates transcription regulation mediated by ESR1. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: MGC126063, MGC126064, PC3, TIS21

Protein Interaction Partner: CNOT7, CNOT8, SRA1, FBXL3, FBXW2, FBXW11, BTRC, CUL1, UBC, SKP2, SKP1, HMG1, PRMT1, PICK1, SMAD9, SMAD1, PRKCA, HOXC8, HOXB9, DYT10, CNOT1, CNOT6L,

Protein Size: 158

---

**Molecular Weight:** 17 kDa

---

**Gene ID:** 7832

---

**NCBI Accession:** [NM\\_006763](#), [NP\\_006754](#)

---

**UniProt:** [P78543](#)

---

**Pathways:** [MAPK Signaling](#)

## Application Details

---

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator.

---

**Comment:** Antigen size: 158 AA

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** Lot specific

---

**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

---

**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 freeze-thaw cycles.

---

## Handling

---

Storage: -20 °C

---

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

---

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

## Images

---



### Western Blotting

**Image 1.** WB Suggested Anti-BTG2 Antibody Titration: 0.2-1 ug/ml Positive Control: ACHN cell lysate BTG2 is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells