



[Go to Product page](#)

Datasheet for ABIN2778007

anti-BTG2 antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	BTG2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Cow, Sheep
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 middle region of human BTG2
Sequence:	HKMDPIISRV ASQIGLSQPQ LHQLLPSELT LWVDPYEVSY RIGEDGSICV
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 85%, Human: 100%, Mouse: 92%, Rabbit: 85%, Rat: 100%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against BTG2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	BTG2
Alternative Name:	BTG2 (BTG2 Products)

Target Details

Background:	BTG2 is an anti-proliferative protein. BTG2 modulates transcription regulation mediated by ESR1. Alias Symbols: MGC126063, MGC126064, PC3, TIS21 Protein Interaction Partner: CNOT7, CNOT8, SRA1, FBXL3, FBXW2, FBXW11, BTRC, CUL1, UBC, SKP2, SKP1, HMGN1, 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.
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: Human Lung