

Rabbit anti-Human, Mouse BOP1 Polyclonal Antibody | anti-BOP1 antibody

Rabbit anti-BOP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211781	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BOP1; Polyclonal Antibody; Rabbit anti-BOP1 Antibody; Affinity Purified; Block of proliferation 1 protein; ribosome biogenesis protein BOP1; Ribosome biogenesis protein BOP1; block of proliferation 1; anti-BOP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-BOP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 375 and 425
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human BOP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, K-562, and RPMI-8226 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BOP1 antibody (AAA211781 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human BOP1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-BOP1 (AAA211781 Lot 2) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-BOP1 antibody	BOP1 (block of proliferation 1) is a component of the PeBoW (Pes1, Bop, WDR12) complex that plays a role in the processing of 28S and 5.8S ribosomal RNAs and the formation of the 60S ribosome. BOP1 contains seven WD repeats and was originally identified as a cDNA which inhibited cell proliferation. The deregulation of the BOP1 gene is proposed to contribute to colorectal tumorigenesis.
Product Categories/Family for anti-BOP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21327667
NCBI GeneID	23246
NCBI Accession #	NP_056016.1
NCBI GenBank Nucleotide #	NM_015201.3
UniProt Accession #	Q14137; Q969Z6; Q96IS8; Q9BSA7; Q9BVM0
Molecular Weight	83,630 Da
NCBI Official Full Name	ribosome biogenesis protein BOP1
NCBI Official Synonym Full Names	block of proliferation 1
NCBI Official Symbol	BOP1
NCBI Protein Information	ribosome biogenesis protein BOP1; block of proliferation 1 protein; block of proliferation 1 pseudogene
UniProt Protein Name	Ribosome biogenesis protein BOP1
UniProt Gene Name	BOP1
UniProt Entry Name	BOP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/bop1-antibody-immunohistochemistry-western-blot-elisa/211781>