


Product datasheet

Anti-BOP1 antibody ab86652

[2 References](#) [2 Images](#)

Overview

Product name	Anti-BOP1 antibody
Description	Rabbit polyclonal to BOP1
Host species	Rabbit
Tested applications	Suitable for: IP, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Horse, Guinea pig, Cow, Pig, Rhesus monkey, Gorilla, Chinese hamster, Bat 

Immunogen Synthetic peptide corresponding to Human BOP1 aa 350-450.
Database link: [Q14137](#)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab86652 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.

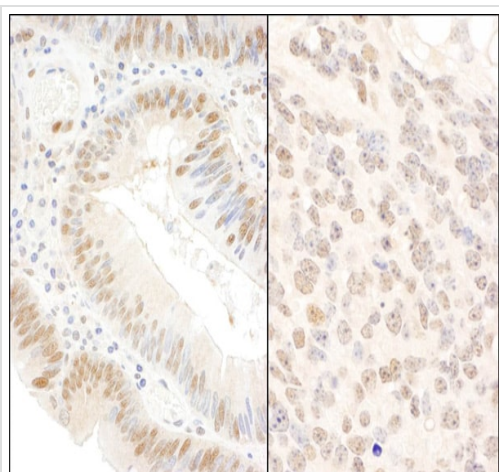
Sequence similarities

Belongs to the WD repeat BOP1/ERB1 family.
Contains 7 WD repeats.

Cellular localization

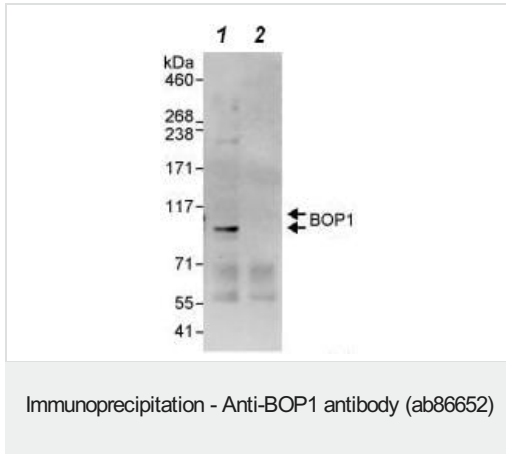
Nucleus > nucleolus. Nucleus > nucleoplasm.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma (left) and mouse teratoma tissues labelling BOP1 with ab86652 at 1/200 (1 µg/ml).
Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BOP1 antibody (ab86652)



Western Blot detection of BOP1 in Immunoprecipitates of HeLa whole cell lysate (1 mg for IP, 20% of IP loaded) using ab86652 at 3 µg/mg lysate; Lane 2 represents control IgG IP. For the WB, **ab86653** was used at 0.4 µg/ml.

Detection: Chemiluminescence with exposure time of 90 seconds.

All lanes : Anti-BOP1 antibody (ab86652) at 0.4 µg/ml

Lane 1 : immunoprecipitated BOP1

Lane 2 : control IgG

Observed band size: 101 kDa

Additional bands at: 200 kDa, 55 kDa, 60-71 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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