


Product datasheet

Anti-Bmi1 antibody ab115251

★★★★★ [1 Abreviews](#) [3 References](#) [2 Images](#)

Overview

Product name	Anti-Bmi1 antibody
Description	Goat polyclonal to Bmi1
Host species	Goat
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Chicken, Cow, Cat, Dog, Pig, Chimpanzee, Orangutan 
Immunogen	Synthetic peptide: DSGSDKANSPAGG , corresponding to amino acids 252-264 of Human Bmi1 Run BLAST with Run BLAST with
Positive control	Recombinant Human Bmi1 protein (ab114169) can be used as a positive control in WB. Human Skeletal Muscle tissue
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.88% Sodium chloride, 0.424% Potassium phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab115251 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
IHC-P	★★★★★ (1)	Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. In the PRC1 complex, it is required to stimulate the E3 ubiquitin-protein ligase activity of RNF2/RING2.

Sequence similarities

Contains 1 RING-type zinc finger.

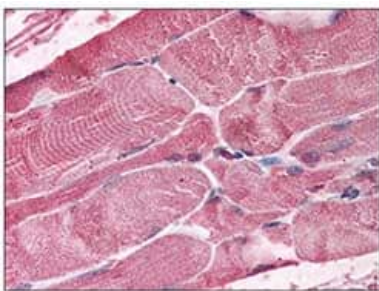
Post-translational modifications

Monoubiquitinated (By similarity). May be polyubiquitinated; which does not lead to proteasomal degradation.

Cellular localization

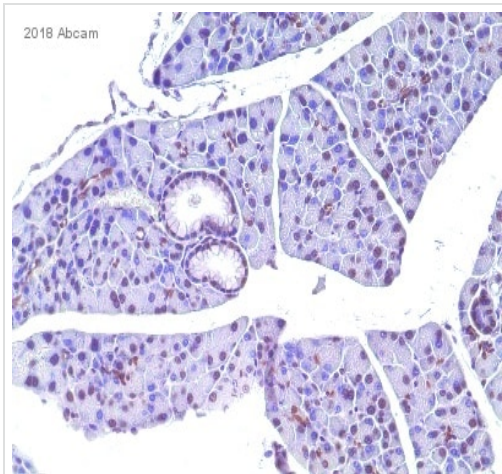
Nucleus. Cytoplasm.

Images



Human Skeletal Muscle (formalin-fixed, paraffin-embedded) stained with ab115251 at 2.5 µg/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bmi1 antibody (ab115251)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bmi1 antibody (ab115251)

This image is courtesy of an abreview by Wenjian Cao

ab115251 staining Bmi1 in Mouse Pancreatic intraepithelial neoplasia tissue sections by Immunohistochemistry (PFA perfusion fixed frozen sections). Tissue samples were fixed by perfusion with paraformaldehyde, blocked with 10% BSA for 60 minutes at 26°C and antigen retrieval was by heat mediation in Tris-based buffer. The sample was incubated with primary antibody (1/200 in 10% BSA in TBST) at 4°C for 16 hours. A HRP-conjugated Donkey anti-goatpolyclonal (1/1000) was used as the secondary antibody.

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