

BMI1 / PCGF4 Antibody (aa252-264)
Goat Polyclonal Antibody
Catalog # ALS11310**Specification**

BMI1 / PCGF4 Antibody (aa252-264) - Product Information

Application	IHC, IF
Primary Accession	P35226
Reactivity	Human
Host	Goat
Clonality	Polyclonal

BMI1 / PCGF4 Antibody (aa252-264) - Additional Information**Gene ID** 100532731;648**Other Names**

Polycomb complex protein BMI-1, Polycomb group RING finger protein 4, RING finger protein 51, BMI1, PCGF4, RNF51

Target/Specificity

Amino acids 252-264 of human Bmi1 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

BMI1 / PCGF4 Antibody (aa252-264) is for research use only and not for use in diagnostic or therapeutic procedures.

BMI1 / PCGF4 Antibody (aa252-264) - Protein Information**Name** BMI1**Synonyms** PCGF4, RNF51**Function**

Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class 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 (PubMed: [15386022](http://www.uniprot.org/citations/15386022) target="_blank">15386022, PubMed: [16359901](http://www.uniprot.org/citations/16359901) target="_blank">16359901, PubMed: [16714294](http://www.uniprot.org/citations/16714294) target="_blank">16714294, PubMed: [21772249](http://www.uniprot.org/citations/21772249) target="_blank">21772249, PubMed: [25355358](http://www.uniprot.org/citations/25355358) target="_blank">25355358, PubMed: [26151332](http://www.uniprot.org/citations/26151332) target="_blank">26151332, PubMed: [27827373](http://www.uniprot.org/citations/27827373) target="_blank">27827373)

target="_blank">27827373). The complex composed of RNF2, UB2D3 and BMI1 binds nucleosomes, and has activity only with nucleosomal histone H2A (PubMed:21772249, PubMed:25355358). In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed:15386022, PubMed:21772249, PubMed:26151332).

Cellular Location

Nucleus. Cytoplasm

Volume

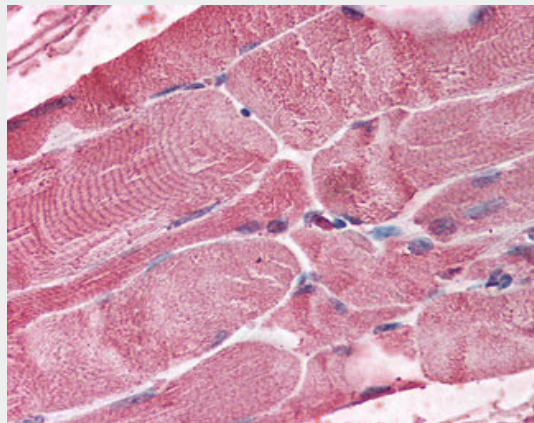
50 µl

BMI1 / PCGF4 Antibody (aa252-264) - Protocols

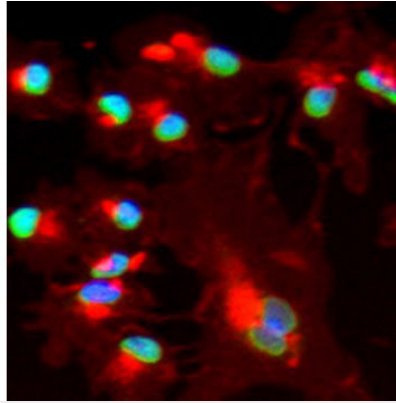
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BMI1 / PCGF4 Antibody (aa252-264) - Images



Anti-BMI-1 antibody IHC of human skeletal muscle.



Anti-Bmi1 Antibody - Immunofluorescence Microscopy.