

**PCGF4 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10617**

**Specification**

**PCGF4 antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P35226</a>
Other Accession	<a href="#">NM_005180</a> , <a href="#">NP_005171</a>
Reactivity	Human, Mouse, Rat, Pig, Horse, Yeast, Bovine, Dog
Predicted	Human, Mouse, Rat, Chicken, Bovine, Dog, Cat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

**PCGF4 antibody - C-terminal region - Additional Information**

**Gene ID** 100532731;648

**Alias Symbol** PCGF4, RNF51, FLVI2/BMI1

**Other Names**

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

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-PCGF4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PCGF4 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**PCGF4 antibody - C-terminal region - 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:<a href="http://www.uniprot.org/citations/15386022" target="\_blank">15386022</a>, PubMed:<a href="http://www.uniprot.org/citations/16359901" target="\_blank">16359901</a>, PubMed:<a href="http://www.uniprot.org/citations/16714294" target="\_blank">16714294</a>, PubMed:<a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>, PubMed:<a href="http://www.uniprot.org/citations/25355358" target="\_blank">25355358</a>, PubMed:<a href="http://www.uniprot.org/citations/26151332" target="\_blank">26151332</a>, PubMed:<a href="http://www.uniprot.org/citations/27827373" target="\_blank">27827373</a>). The complex composed of RNF2, UB2D3 and BMI1 binds nucleosomes, and has activity only with nucleosomal histone H2A (PubMed:<a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>, PubMed:<a href="http://www.uniprot.org/citations/25355358" target="\_blank">25355358</a>). In the PRC1-like complex, regulates the E3 ubiquitin-protein ligase activity of RNF2/RING2 (PubMed:<a href="http://www.uniprot.org/citations/15386022" target="\_blank">15386022</a>, PubMed:<a href="http://www.uniprot.org/citations/21772249" target="\_blank">21772249</a>, PubMed:<a href="http://www.uniprot.org/citations/26151332" target="\_blank">26151332</a>).

### Cellular Location

Nucleus. Cytoplasm

### PCGF4 antibody - C-terminal region - 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](#)

