

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

Specification

PCGF4 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P35226
Other Accession	NM_005180 , NP_005171
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:15386022, PubMed:16359901, PubMed:16714294, PubMed:21772249, PubMed:25355358, PubMed:26151332, PubMed: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

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](#)

