

PCGF6 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18850c**Specification**

PCGF6 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BYE7](#)**PCGF6 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84108**Other Names**

Polycomb group RING finger protein 6, Mel18 and Bmi1-like RING finger, RING finger protein 134, PCGF6, MBLR, RNF134

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PCGF6 Antibody (Center) Blocking Peptide - Protein Information**Name** PCGF6**Synonyms** MBLR, RNF134**Function**

Transcriptional repressor (PubMed:12167161). May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase (PubMed:17320162). 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:12167161). Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity (PubMed:26151332).

Cellular Location

Nucleus

Tissue Location

Ubiquitous.

PCGF6 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PCGF6 Antibody (Center) Blocking Peptide - Images**PCGF6 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene contains a RING finger motif, which is most closely related to those of polycomb group (PcG) proteins RNF110/MEL-18 and BMI1. PcG proteins are known to form protein complexes and function as transcription repressors. This protein has been shown to interact with some PcG proteins and act as a transcription repressor. The activity of this protein is found to be regulated by cell cycle dependent phosphorylation. Alternatively spliced transcript variants encoding different isoforms have been identified.

PCGF6 Antibody (Center) Blocking Peptide - References

Lee, J.Y., et al. Cancer Res. 68(11):4201-4209(2008) Zhang, J., et al. J. Biol. Chem. 283(12):7464-7469(2008) Lee, M.G., et al. Cell 128(5):877-887(2007) Zhong, N., et al. Biochem. Biophys. Res. Commun. 338(2):855-861(2005) Deloukas, P., et al. Nature 429(6990):375-381(2004)