

PCGF6 Rabbit mAb

Catalog # AP75875

Product Information

Application	WB, IP
Primary Accession	Q99NA9
Reactivity	Rat, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	39820

Additional Information

Gene ID	71041
Other Names	Pcgf6
Dilution	WB~~1:500-1:1000 IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

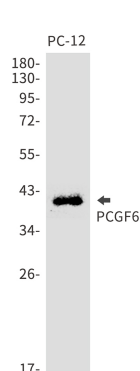
Protein Information

Name	Pcgf6
Synonyms	Mblr, Rnf134
Function	Transcriptional repressor. May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase. 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. Within the PRC1-like complex, regulates RNF2 ubiquitin ligase activity.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q9BYE7}.
Tissue Location	Expressed in ovary, testis, stomach, liver, thymus and kidney (at protein level).

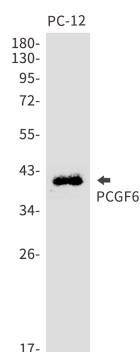
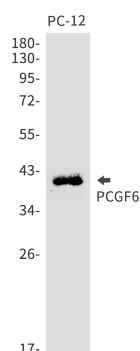
Background

Transcriptional repressor. May modulate the levels of histone H3K4Me3 by activating KDM5D histone demethylase. 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.

Images



Western blot analysis of PCGF6 in PC-12 lysates using PCGF6 antibody.



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