

ARG40123 anti-PCGF6 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PCGF6
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PCGF6
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 261-295 of Human PCGF6.
Conjugation	Un-conjugated
Alternate Names	RING finger protein 134; Mel18 and Bmi1-like RING finger; RNF134; Polycomb group RING finger protein 6; MBLR

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:25
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human kidney	

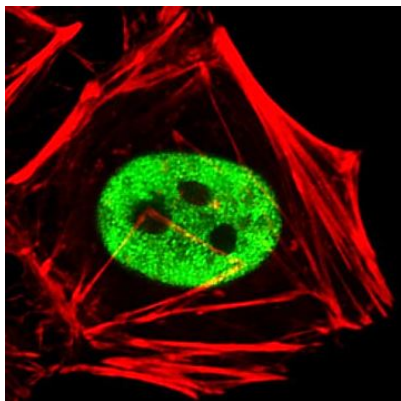
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

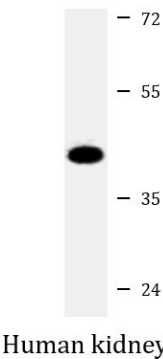
Gene Symbol	PCGF6
Gene Full Name	polycomb group ring finger 6
Background	The protein encoded by this gene contains a RING finger motif, which is most closely related to those of polycomb group (PcG) proteins RNF110/MEL-18 and BMI1. PcG proteins are known to form protein complexes and function as transcription 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. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	39 kDa
PTM	Phosphorylated during mitosis. Phosphorylated on Ser-30 by CDK7 in vitro. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG40123 anti-PCGF6 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG40123 anti-PCGF6 antibody (green) at 1:25 dilution. Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



ARG40123 anti-PCGF6 antibody WB image

Western blot: 20 µg of Human kidney lysate stained with ARG40123 anti-PCGF6 antibody at 1:1000 dilution.