Anti-PCGF2 antibody

Description	Unconjugated Rabbit polyclonal to PCGF2

Model	STJ193132
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	7703
Gene Symbol	PCGF2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	PCGF2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in all tissues examined with high expression found in placenta lung and kidney and low expression, in liver, pancreas and skeletal muscle.
Purification	PCGF2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Polycomb group RING finger protein 2 DNA-binding protein Mel-18 RING finger protein 110 Zinc finger protein 144
Molecular Weight	37 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12929OMIM:600346
Alternative Names	Polycomb group RING finger protein 2 DNA-binding protein Mel-18 RING finger protein 110 Zinc finger protein 144
Function	Transcriptional repressor. Binds specifically to the DNA sequence 5'-GACTNGACT-3'. Has tumor suppressor activity. May play a role in control of cell proliferation and/or neural cell development. Regulates proliferation of early T progenitor cells by maintaining expression of HES1. Also plays a role in antero-posterior specification of the axial skeleton and negative regulation of the self-renewal activity of hematopoietic stem cells. 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. Is not functionally redundant with BMI1; unlike BMI1 does not stimulate the E3 ubiquitin-protein ligase activity in a reconstituted PRC1-like complex .
Cellular Localization	Nucleus
Post-translational Modifications	Phosphorylated. Homodimer formation is regulated by phosphorylation state with unphosphorylated protein forming homodimers .

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