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Datasheet for ABIN7163801
anti-PCGF2 antibody (AA 103-316) (HRP)

Overview

Quantity:	100 µg
Target:	PCGF2
Binding Specificity:	AA 103-316
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCGF2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Polycomb group RING finger protein 2 protein (103-316AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PCGF2
Alternative Name:	PCGF2 (PCGF2 Products)
Background:	Background: Transcriptional repressor. Binds specifically to the DNA sequence 5\'-GACTNGACT-3\' . Has tumor suppressor activity. May play a role in control of cell proliferation

Target Details

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 (By similarity).

Aliases: DNA binding protein Mel 18 antibody, DNA-binding protein Mel-18 antibody, Mel 18 antibody, MGC10545 antibody, PCGF 2 antibody, PCGF2 antibody, PCGF2_HUMAN antibody, Polycomb group ring finger 2 antibody, Polycomb group RING finger protein 2 antibody, RING finger protein 110 antibody, RNF110 antibody, Zinc finger protein 144 antibody, ZNF 144 antibody, ZNF144 antibody

UniProt: [P35227](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.