

Datasheet for ABIN6242736
anti-PCGF1 antibody (AA 117-151)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PCGF1
Binding Specificity:	AA 117-151
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCGF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PCGF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 117-151 amino acids from the Central region of human PCGF1.
Clone:	RB51308
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCGF1
Alternative Name:	PCGF1 (PCGF1 Products)

Target Details

Background: Component of the Polycomb group (PcG) multiprotein BCOR complex, a complex required to maintain the transcriptionally repressive state of some genes, such as BCL6 and the cyclin-dependent kinase inhibitor, CDKN1A. Transcriptional repressor that may be targeted to the DNA by BCL6, this transcription repressor activity may be related to PKC signaling pathway. Represses CDKN1A expression by binding to its promoter, and this repression is dependent on the retinoic acid response element (RARE element). Promotes cell cycle progression and enhances cell proliferation as well. May have a positive role in tumor cell growth by down-regulating CDKN1A. 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.

Molecular Weight: 30346

UniProt: [Q9BSM1](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

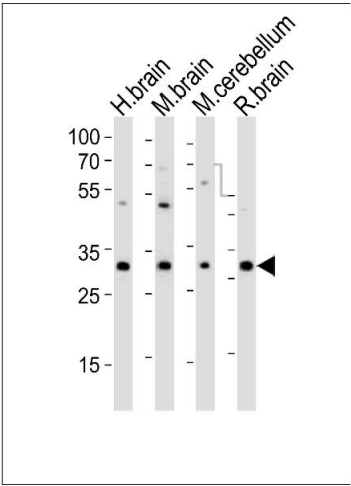
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysates from human brain, mouse brain, mouse cerebellum, rat brain tissue (from left to right), using PCGF1 Antibody (Center) (ABIN6242736 and ABIN6577728). (ABIN6242736 and ABIN6577728) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.