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PCGF2 (N) Antibody, Rabbit Polyclonal

Cat#: R2256-1

Quantity: 100 ul

Predicted | Observed M.W.: 38 | 44 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P35227

Background:

Polycomb group RING finger protein 2 (PCGF2) is a nuclear protein containing a RING-type zinc finger. PCGF2 binds specifically to the DNA sequence 5'-GACTNGACT-3' and acts as a transcriptional repressor. PCGF2 has tumor suppressor activity and may play a role in control of cell proliferation and/or neural cell development. PCGF2 is a component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex 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.

Other Names:

Polycomb group RING finger protein 2, DNA-binding protein Mel-18, RING finger protein 110, Zinc finger protein 144, MEL18, RNF110, ZNF144

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PCGF2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

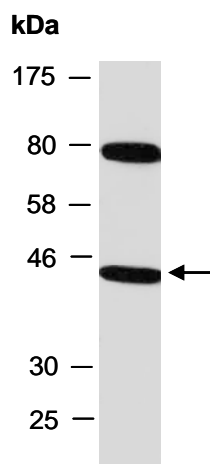


Fig 1. Western blot of total cell extracts from mouse brain, using anti-PCGF2 (N) (R2256-1) at RT for 2 h.