

## Product datasheet for **AP53218PU-N**

### **Mel18 (PCGF2) (Center) Rabbit Polyclonal Antibody**

#### **Product data:**

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | WB  |
| Recommended Dilution: | <b>Western blot:</b> ~1:1000.   |
| Reactivity:           | Human   |
| Host:                 | Rabbit  |
| Isotype:              | Ig  |
| Clonality:            | Polyclonal  |
| Immunogen:            | Synthetic peptide - KLH conjugated - corresponding to the central region (between 121-150aa) of human RNF110 / PCGF2. |
| Specificity:          | This antibody recognizes RNF110 / PCGF2.  |
| Formulation:          | PBS with 0.09% (W/V) Sodium azide<br>State: Aff - Purified<br>State: Liquid purified Ig fraction                      |
| Concentration:        | lot specific  |
| Purification:         | Purified through a Protein A column followed by peptide affinity purification   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.  |
| Stability:            | Shelf life: one year from despatch.   |
| Gene Name:            | polycomb group ring finger 2  |
| Database Link:        | <a href="#">Entrez Gene 7703 Human P35227</a>   |



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**Background:**

The Polycomb group RING finger protein 2 encoded by the PCGF2 gene contains a RING finger motif and is similar to the polycomb group (PcG) gene products. PcG gene products form complexes via protein-protein interaction and maintain the transcription repression of genes involved in embryogenesis, cell cycles, and tumorigenesis. This protein was shown to act as a negative regulator of transcription and has tumor suppressor activity. The expression of this gene was detected in various tumor cells, but is limited in neural organs in normal tissues. Knockout studies in mice suggested that this protein may negatively regulate the expression of different cytokines, chemokines, and chemokine receptors, and thus plays an important role in lymphocyte differentiation and migration, as well as in immune responses.

**Synonyms:**

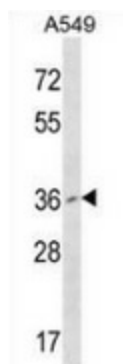
RING finger protein 110, PCGF2, MEL18, RNF110, ZNF144, Zinc finger protein 144

**Note:**

**Molecular Weight:** 37788 Da

**Protein Families:**

Transcription Factors

**Product images:**


Western blot analysis in A549 cell line lysates (35ug/lane) using RNF110 / PCGF2 antibody. This demonstrates the PCGF2 antibody detected the PCGF2 protein (arrow).