

## **Product datasheet for TA359696**

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OriGene Technologies, Inc.

## Mel18 (PCGF2) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human
Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the middle region of human PCGF2

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 37 kDa

**Gene Name:** polycomb group ring finger 2

Database Link: NP 009075.1

Entrez Gene 7703 Human

P35227



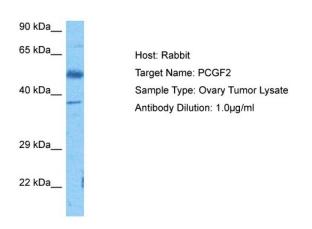
Background:

The protein encoded by this 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:** MEL-18; MEL18; MGC10545; RNF110; ZNF144

**Protein Families:** Transcription Factors

## **Product images:**



Host: Rabbit Target Name: PCGF2

Sample Tissue: Ovary Tumor lysates

Antibody Dilution: 1ug/ml