

**[KO Validated] PA2G4 Rabbit Polyclonal  
Antibody  
CAB19972**



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**Product Information**

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

46kDa

**Calculated MW:**

38kDa/43kDa

**Applications:**

WB IHC IF

**Reactivity:**

Human, Mouse, Rat

**Antibody Information**

**Recommended dilutions:**

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

**Protein Background**

This gene encodes an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Six pseudogenes, located on chromosomes 3, 6, 9, 18, 20 and X, have been identified.

**Immunogen information**

**Gene ID:**

5036

**Uniprot**

Q9UQ80

**Synonyms:**

PA2G4; EBP1; HG4-1; p38-2G4

**Immunogen:**

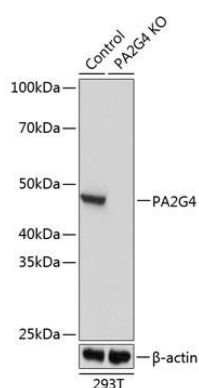
Recombinant protein of human PA2G4.

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts from normal (control) and PA2G4 knockout (KO) 293T cells, using PA2G4 antibody (CAB19972) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.