

PA2G4

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF IP RIP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50

RIP 1:20 - 1:50

Calculated MW: 43kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PA2G4

Storage Buffer:

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

Concentration:

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Synonym:

EBP1; HG4-1; p38-2G4;

Catalog #: A5376

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5036

Isotype: IgG

Swiss Prot: Q9UQ80

Purity: Affinity purification

For research use only.

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.

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