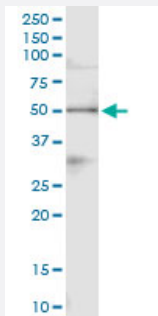


PA2G4 (Human) IP-WB Antibody Pair

Catalog # H00005036-PW1

Size 1 Set

Applications



Immunoprecipitation of PA2G4 transfected lysate using rabbit polyclonal anti-PA2G4 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PA2G4.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PA2G4 transfected lysate using rabbit polyclonal anti-PA2G4 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PA2G4.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PA2G4 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PA2G4 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PA2G4

Entrez GeneID [5036](#)**Gene Name** PA2G4**Gene Alias** EBP1, HG4-1, p38-2G4**Gene Description** proliferation-associated 2G4, 38kDa**Omim ID** [602145](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations ErbB-3 binding protein 1|ErbB3-binding protein 1|ErbB3-binding protein Ebp1|cell cycle protein p38-2G4 homolog