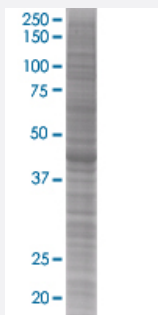


PA2G4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005036-T01

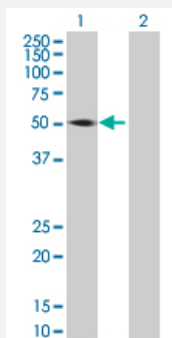
Size 100 uL

Applications



SDS-PAGE Gel

PA2G4 transfected lysate



Western Blot

Lane 1: PA2G4 transfected lysate (43.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PA2G4 full-length

Host Human

Theoretical MW (kDa) 43.8

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PA2G4 antibody ([H00005036-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PA2G4 transfected lysate
 Western Blot
 Lane 1: PA2G4 transfected lysate (43.8 KDa).
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PA2G4

Entrez GeneID[5036](#)**GeneBank Accession#**[BC007561](#)**Protein Accession#**[AAH07561](#)**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