

DNAxPAb

Hard-to-Find
Antibody

PA2G4 DNAxPAb

Catalog # H00005036-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PA2G4 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MSGEDEQQEQTIAEDLVVTKYKMGGDIANRVLRLSLVEASSSGVSVLSLCEKGDAMIMEETGKIFK
KEKEMKKGIAFPTSISVNNVCVCHFSPKSDQDYILKEGDLVKIDLGVHVDGFIANVAHTFVVDVAQ
GTQVTGRKADVIKAAHLCAEAALRLVKPGNQNTQVTEAWNKVVAHSFNCTPIEGMLSHQLKQHVID
GEKTIQNPTDQQKKDHEKAEFEVHEVYAVDVLVSSGEGKAKDAGQRTTIYKRDPKQYGLKMKT
SRAFFSEVERRFDAMPFTLRAFEDEKKARMGVVECAKHELLQPFNVLYEKEGEFVAQFKFTVLL
MPNGPMRITSGPFEPDLYKSEMEVQDAELKALLQSSASRKTQKKKKKKASKTAENATSGETLEE
NEAGD

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PA2G4

Entrez GeneID [5036](#)

GeneBank Accession# [NM_006191.2](#)

Protein Accession# [NP_006182.2](#)

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