

PA2G4 rabbit monoclonal antibody

Catalog # H00005036-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PA2G4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PA2G4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PA2G4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PA2G4

Entrez GeneID [5036](#)

GeneBank Accession# [PA2G4](#)

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