

For Research Use Only

BAK Polyclonal antibody

Catalog Number: 14673-1-AP

36 Publications



Basic Information

Catalog Number:

14673-1-AP

Concentration:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6354

GenBank Accession Number:

BC004431

GeneID (NCBI):

578

UNIPROT ID:

Q16611

Full Name:

BCL2-antagonist/killer 1

Calculated MW:

23 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, chicken, sheep

Background Information

BAK1, also named as BAK, BCL2L7 and CDN1, belongs to the Bcl-2 family. In the presence of an appropriate stimulus, BAK1 accelerates programmed cell death by binding to, and antagonizing the anti-apoptotic action of BCL2 or its adenovirus homolog E1B 19k protein. Low micromolar levels of zinc ions inhibit the promotion of apoptosis. (PMID:17157251) BAK1 gene product primarily enhances apoptotic cell death following an appropriate stimulus. It can inhibit cell death in an Epstein-Barr virus-transformed cell line.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------|-----------|---------------------|-------------|
| Xufeng Tao | 25083618 | Transplantation | WB |
| Yanan Li | 27663303 | BMC Microbiol | WB |
| Surong Zhao | 26323360 | J Bioenerg Biomembr | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

