

Product datasheet for **TA321299**

Bak (BAK1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: HeLa, A431, 293T and Jurkat cells IHC: 50-200 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 4-187 amino acids of human BCL2-antagonist/killer 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	BCL2 antagonist/killer 1
Database Link:	NP_001179 Entrez Gene 578 Human Q16611



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Background:

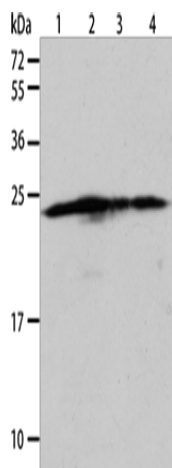
The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.?

Synonyms:

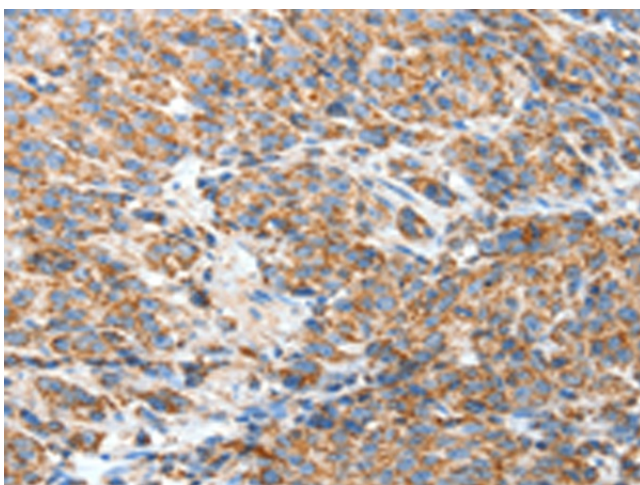
BAK; BAK-LIKE; BCL2L7; CDN1

Protein Families:

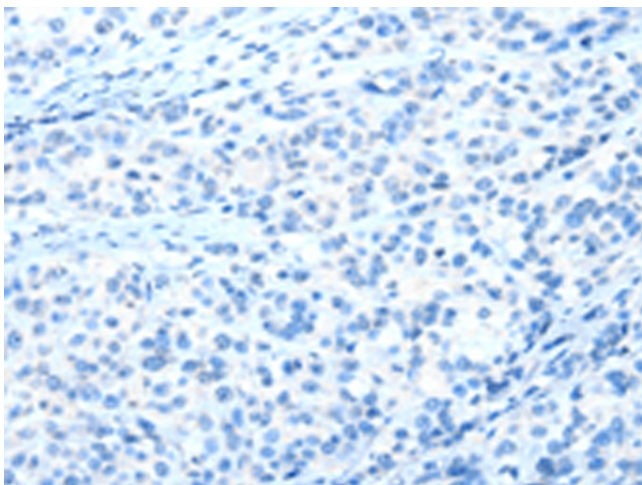
Druggable Genome, Stem cell - Pluripotency, Transmembrane

Product images:


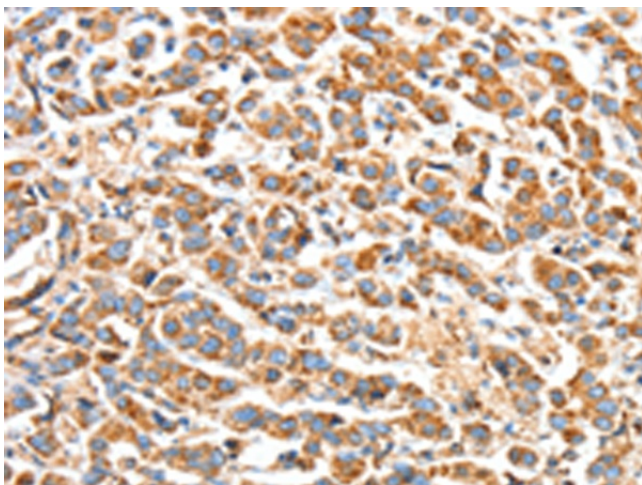
Gel: 12%SDS-PAGE
 Lysate: 40 µg
 Lane 1-4: HeLa cells
 A431 cells
 293T cells
 Jurkat cells
 Primary antibody: TA321299 (BAK1 Antibody) at dilution 1/900
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
 Exposure time: 5 seconds



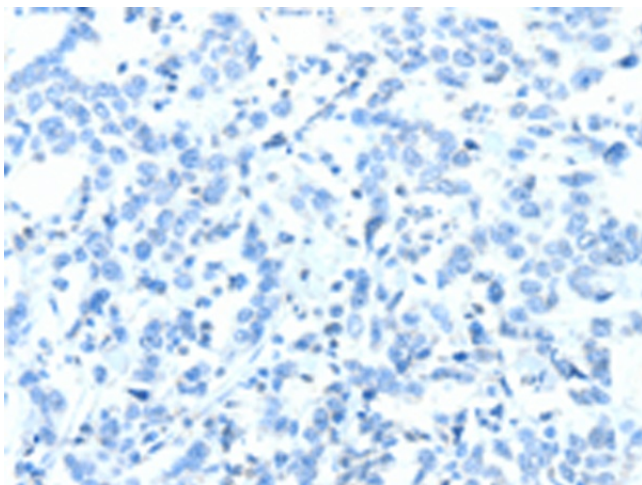
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321299 (BAK1 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA321299 (BAK1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321299 (BAK1 Antibody) at dilution 1/50 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA321299 (BAK1 Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: $\times 200$)