

Product datasheet for TA321641

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 500-2000

BAX Rabbit Polyclonal Antibody

WB positive control: RAW264.7 cell lysate

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Fusion protein corresponding to a region derived from 2-172 amino acids of human BCL2-

associated X protein

Formulation: PBS pH7.3, 0.05% NaN3, 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: 21 kDa

Gene Name: BCL2 associated X protein

Database Link: NP 004315

Entrez Gene 12028 MouseEntrez Gene 24887 RatEntrez Gene 581 Human

Q07812



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Background:

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.

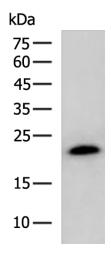
Synonyms: BCL2L4

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Huntington's disease,

Neurotrophin signaling pathway, p53 signaling pathway, Pathways in cancer, Prion diseases

Product images:



Gel: 12%SDS-PAGE Lysate: 40 μg

Lane: RAW264.7 cell lysate

Primary antibody: TA321641 (BAX Antibody) at

dilution 1/400

Secondary antibody: Goat anti rabbit IgG at

1/5000 dilution

Exposure time: 1 second