9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

39-2027: Anti-Bax Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	BAX
Gene ID :	581
Uniprot ID :	Q07812
Alternative Name :	Apoptosis regulator BAX; Bcl-2-like protein 4; Bcl2-L-4; BAX; BCL2L4
Isotype :	Rabbit IgG
Immunogen Information :	A synthetic peptide corresponding to a sequence at the N-terminus of human Bax(19-33aa IMKTGALLLQGFIQD), different from the related mouse and rat sequences by one amino acid.

Description

Apoptosis regulator BAX, also known as bcl-2-like protein 4, is a protein that in humans is encoded by the BAX gene. 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. Additionally, 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.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.1-0.5µg/ml

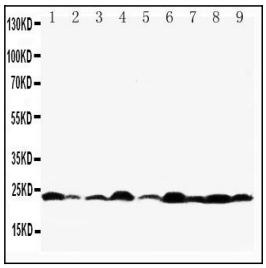


Figure 1: Anti-Bax antibody(39-2027). Western blotting: Lane 1: Rat Testis Tissue Lysate, Lane 2: Rat Kidney Tissue Lysate, Lane 3: Rat Brain Tissue Lysate, Lane 4: Rat Ovary Tissue Lysate, Lane 5: HELA Cell Lysate, Lane 6: MM231 Cell Lysate, Lane 7: A549 Cell Lysate, Lane 8: JURKAT Cell Lysate, Lane 9: Human Placenta Tissue Lysate.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.