

Anti-BAX Polyclonal Antibody 3

Product Details

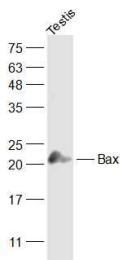
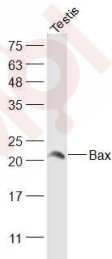
Ig Type: IgG
Reactivity: Mouse,Rat (predicted:Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight: Theoretical: 21 kDa.
Purification: Protein A purified

Applications

1. Sample:
Testis (Mouse) Lysate at 40 µg
Primary: Anti-Bax (TMAB-00189) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 21 kDa
Observed band size: 21 kDa

2. Sample:
Testis (Rat) Lysate at 40 µg
Primary: Anti-Bax (TMAB-00189) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 21 kDa
Observed band size: 21 kDa

Verified Activity:



Application: WB
Recommended WB: 1:500-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Bax

Antigen Species: Human

Gene ID: 581

Uniprot ID: Q07812

Synonyms: Bcl2-L-4;Bcl-2-like protein 4;Apoptosis regulator BAX;BCL2L4

Biology Area: Bcl 2 family, Metabolism, Bcl 2 family, Associated Proteins, Bcl2 Family, Apoptosis marker and proteins ELISA kits, Apoptosis

Research 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. [provided by RefSeq, Jul 2008].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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