



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-BAX [3C10] Standard Size Ab03962-23.0

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**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** 3C10

**Alternative Name(s) of Target:** Apoptosis regulator BAX; Bcl-2-like protein 4 (Bcl2-L-4)

**UniProt Accession Number of Target Protein:** Q07812

**Published Application(s):** crystallography, IP, WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:**

**Specificity:** The antibody is specific for Bax. It recognizes a peptide encompassing residues 31–45 at the start of Bax a1–a2 loop (AAs RAGRM).

**Application Notes:** The specificity of the antibody for Bax was determined by ELISA analysis. The antibody was able to bind to mitochondrial Bax and WT Bax by western blot analysis. The antibody immunoprecipitated Bax (Iyer et al., 2016; PMID: 27217060). The crystal structure of the Fab fragment in complex with BAX was determined. The antibody activates mitochondrial Bax, but blocks translocation of cytosolic Bax (Robin et al., 2018; PMID: 30122452).

**Antibody First Published in:** Robin et al. Identification of an activation site in Bak and mitochondrial Bax triggered by antibodies. Nat Commun. 2016 May 24;7:11734. doi: 10.1038/ncomms11734. [PMID:2721706](#)

**Note on publication:** The original paper describes a panel of antibodies that activates Bak and mitochondrial Bax.

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.