SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0164-200	400 µg

Anti-BAX

Source: Goat

General description: Goat polyclonal antibody to BAX. This protein belongs to the BCL2 protein family that act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The expression of BAX gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis.

Alternative names: BCL2-associated X protein antibody.

Form: Polyclonal antibody supplied as a 200 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 90 aa to the N-terminus of human BAX produced in E. coli.

Specificity: Detects a band of approximately 21 kDa by Western blot in the following cell lysate: hCat, At-T20, MDA-MB-231, H69 and HUH.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	+++	+++	+++	ND
Rat	+++	+++	+++	+++	ND
Mouse	+++	+++	+++	+++	ND
Canine	+++	+++	+++	+++	ND
Monkey	+++	+++	+++	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:500-1:5,000
IF:	1:50-1:250

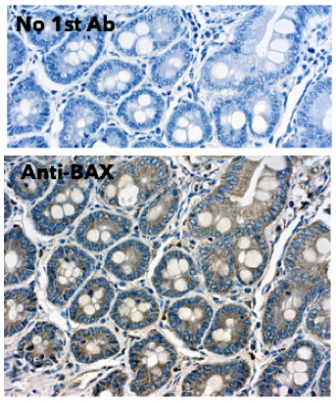
IHC (F): 1:250-1:1,000
IHC (P): 1:250-1:1,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

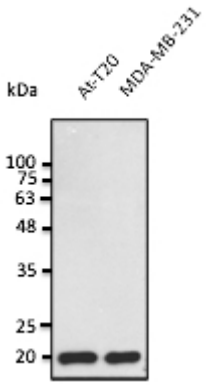
Special instructions: The antibody solution should be gently mixed before use..

References:

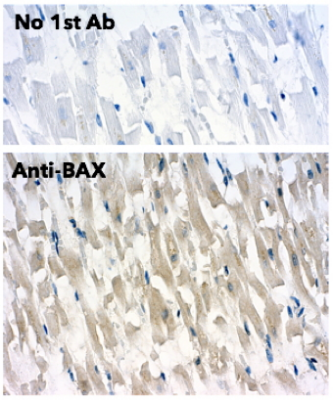
1. Yu X, He W, Xie J, et al. J Cardiovasc Electrophysiol. 2018 Dec. PMID: 30516302



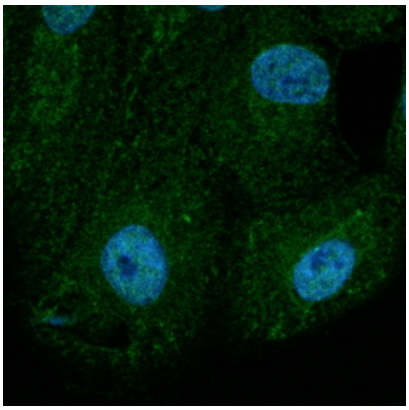
IHC of mouse intestine using anti-BAX antibody and FFPE tissue after heat-induced antigen retrieval. Anti-BAX Ab at 1:500/DAB detection;



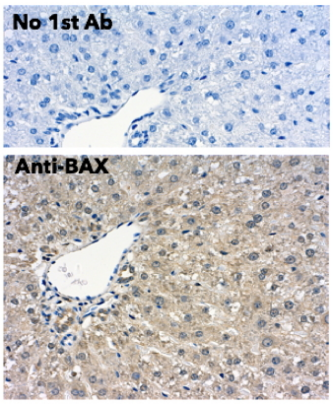
Anti-BAX Ab at 1:2,500 dilution; 50 µg of total protein per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



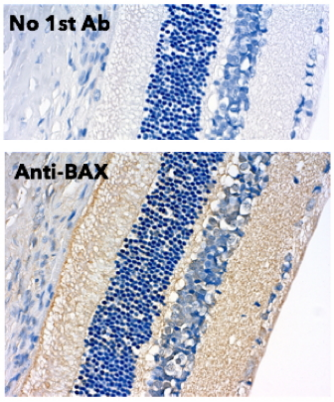
IHC of human myocardium using anti-BAX antibody and FFPE tissue after heat-induced antigen retrieval. Anti-BAX Ab at 1:500/DAB detection;



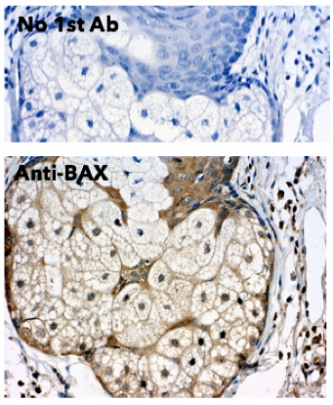
Immunofluorescence – anti-BAX Ab at 1/100 dilution in NHI/3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin;



IHC of mouse liver using anti-BAX antibody and FFPE tissue after heat-induced antigen retrieval. Anti-BAX Ab at 1:500/DAB detection;



IHC of rat eye using anti-BAX antibody and FFPE tissue after heat-induced antigen retrieval. Anti-BAX Ab at 1:500/DAB detection;



IHC of rat eye using anti-BAX antibody and FFPE tissue after heat-induced antigen retrieval. Anti-BAX Ab at 1:500/DAB detection.

For research use only, not for diagnostic use

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.