Anti- Bax (Phospho-Thr167) Polyclonal Antibody

Catalog No.	Size
A100098-01	50 µl
A100098-02	100 µl

Specificity	Anti- Bax (Phospho-Thr167) (human mouse rat)
Source	Rabbit Polyclonal
Application	ELISA IF
Form	Liquid, 1 mg/ml

Pruduct

Swiss-Prot No.: Q07812

Other Names: Apoptosis regulator BAX, membrane isoform alpha, BAXA, Bcl2-associated X protein

Specificity and Sensitivity

Bax (Phospho-Thr167) antibody detects endogenous levels of Bax only when phosphorylated at threonine 167.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Bax around the phosphorylation site of threonine 167 (F-G-T^{P}-P-T).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IF: 1:100~1:500 ELISA: 1:40000

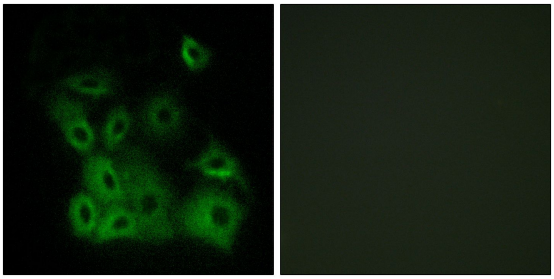
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

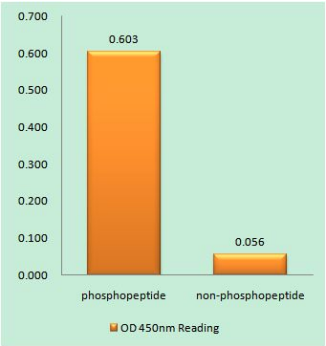
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunofluorescence analysis of A549 cells, using Bax (Phospho-Thr167) antibody.



Bax (Phospho-Thr167) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.