

Noxa Polyclonal Antibody

CATALOG #:	3665-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 100 of human Noxa (ID# BV-115)
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.2 mg/ml) protein A purified rabbit anti-Noxa polyclonal antibody in phosphate-buffered saline (PBS) containing 0.5% BSA, 30% glycerol, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

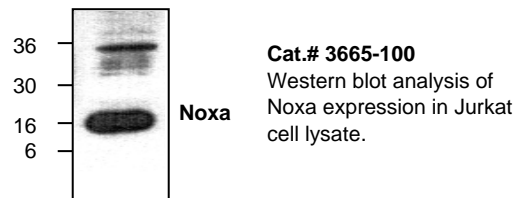
Noxa is a BH3-only member of the Bcl-2 family. Expression of Noxa gene involves direct activation of its promoter by p53. Increased expression of Noxa protein occurs in normal thymocytes but not in p53-deficient thymocytes. Coimmunoprecipitation data suggest that Noxa protein may interact with proteins belonging to the Bcl-2 family, such as Bcl-xL and Mcl-1. Blocking the endogenous Noxa induction results in the suppression of apoptosis. These suggest Noxa may represent a candidate mediator of p53-induced apoptosis.

SPECIFICITY:

The antibody recognizes mainly ~16 kDa band in human, mouse and rat samples. A ~34 kDa band is also detected to the lesser extent. Reactivity to other species has not been tested.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3665BP-50) is available separately.



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