

## Noxa Polyclonal Antibody

<b>CATALOG NO:</b>	3665-30T	30 µg (Trial size)
	3665-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 100 of human Noxa (ID# BV-115)	
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat	

### FORMULATION:

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/defrost cycles.

### DESCRIPTION:

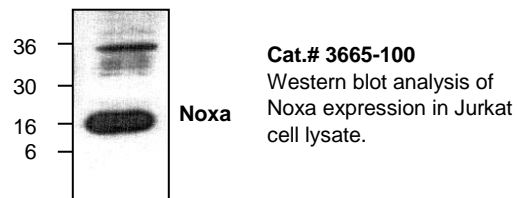
Noxa is a BH3-only member of the Bcl-2 family. Expression of Noxa gene involves direct activation of its promoter by p53. Increased expression of Noxa protein occurs in normal thymocytes but not in p53-deficient thymocytes. Coimmunoprecipitation data suggest that Noxa protein may interact with proteins 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.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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- Cloning Insert Quick Screening Kit
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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
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#### Monoclonal and Polyclonal Antibodies