



# 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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## Bax-beta. Sheep Polyclonal Antibody

Apoptosis regulator Bax cytoplasmic isoform beta, BaxB, BAX, BCL2 associated X protein, Apoptosis regulator BAX, BCL2 associated X protein isoform beta, Bax beta, Bax B

### BACKGROUND

Bax $\beta$  is encoded by a 1.5 kb RNA species created by the retention of intron 5 in the bax mRNA transcript. The exon4/intron5 splice junction is evolutionarily conserved and is found in both the human and mouse bax coding regions. The 630 bp intron 5 contributes 60 amino acids to the Bax $\beta$  protein before a stop codon is encountered during translation. The Bax $\beta$  protein is 24 kDa in size and although it contains the BH1, BH2, and BH3 domains identical to Bax, it has a unique carboxyl terminus and does not have a hydrophobic transmembrane domain (Oltvai et al., 1993). Bax $\beta$  mRNA has been found in many mouse tissues using RT-PCR. It is found co-expressed with Bax $\alpha$  in lung, stomach, kidney, thymus, lymph node, bone marrow, pancreas, and spleen. Bax $\beta$  mRNA was very abundant in brain and duodenum with almost no Bax $\alpha$  mRNA detected in these tissues (Oltvai et al., 1993).

### ORDERING INFORMATION

**CATALOG NUMBER**  
X1290P

**SIZE**  
250  $\mu$ g  
**FORM**  
Unconjugated

**HOST/CLONE**  
Sheep

**FORMULATION**  
Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**  
See vial for concentration

**ISOTYPE**  
IgG

**APPLICATIONS**  
Western Blotting, Immunoprecipitation

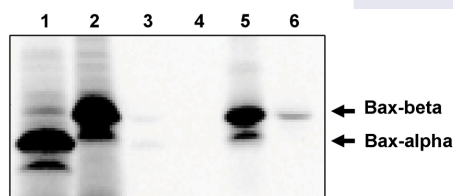
**SPECIES REACTIVITY**  
Mouse

**ACCESSION NUMBER**  
Human Q07812

### IMMUNOGEN

Synthetic peptide corresponding to amino acids 172 to 199 of the Bax $\beta$  protein

Immunoprecipitation of in vitro translated Bax $\alpha$  (1) and Bax $\beta$  (2) using Bax antibody, cln 6A7 (Cat. No. A105M), Bax $\alpha$  native (3) and denatured protein (4) using Bax $\beta$  antibody, and Bax $\beta$  native (5) and denatured (6) protein using Bax $\beta$  antibody.



## **POSITIVE CONTROL/TISSUE EXPRESSION**

### **COMMENTS**

Antibody detects Bax $\beta$  protein by immunoprecipitation only. Will not detect denatured protein by Western blot. Optimal concentration should be evaluated by serial dilutions.

### **PURIFICATION**

Ammonium Sulfate Precipitation

### **SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

### **STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

### **STABILITY**

Products are stable for one year from purchase when stored properly

### **REFERENCES**

1. Oltvai, Z.N., et al. Bcl-2 Heterodimerizes in vivo with a conserved homolog, Bax, that accelerates programmed cell death. Cell 1993, 74, 609-619.

### **PRODUCT SPECIFIC REFERENCES**