

# [KO Validated] Bax Rabbit Polyclonal Antibody



CAB12009

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

20kDa

### Calculated MW:

4kDa/12kDa/15kDa/18kDa/19kDa/21kDa/24kDa

### Applications:

WB IHC IP

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC  
1:100 - 1:200 IP 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.

## Immunogen information

### Gene ID:

581

### Uniprot

Q07812

### Synonyms:

BCL2L4; BAX

### Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Bax (NP\_620116.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

