

## Bim (Phospho Ser77) Rabbit pAb

CatalogNo: YP1277

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 22kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:1000-2000

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human Bim (Ser77)

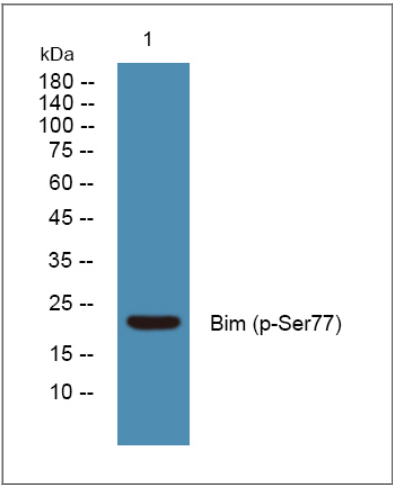
**Specificity** This antibody detects endogenous levels of Human Mouse Bim (phospho-Ser77)

### Target Information

**Gene name** BCL2L11 BIM

<b>Protein Name</b>	Bim (Ser77)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">10018;</a>	<a href="#">O43521;</a>
	Mouse	<a href="#">12125;</a>	<a href="#">O54918;</a>
	Rat	<a href="#">64547;</a>	<a href="#">O88498;</a>
<b>Cellular Localization</b>	Endomembrane system ; Peripheral membrane protein . Associated with intracytoplasmic membranes. .; [Isoform BimEL]: Mitochondrion. Translocates from microtubules to mitochondria on loss of cell adherence.; [Isoform BimL]: Mitochondrion.; [Isoform BimS]: Mitochondrion.; [Isoform Bim-alpha1]: Mitochondrion.		
<b>Tissue specificity</b>	Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are widely expressed with tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.		
<b>Function</b>	Domain:The BH3 motif is required for Bcl-2 binding and cytotoxicity.,Function:Induces apoptosis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than the isoforms BimEL, BimL and BimS. Isoform Bim-gamma induces apoptosis.,similarity:Belongs to the Bcl-2 family.,subcellular location:Associated with intracytoplasmic membranes.,subunit:Forms heterodimers with a number of antiapoptotic Bcl-2 proteins including MCL1, BCL2, BCL2L1 isoform Bcl-X(L), BCL2A1/BFL-1, and BHRF1. Does not heterodimerize with proapoptotic proteins such as BAD, BOK, BAX or BAK.,tissue specificity:Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are ubiquitously expressed with a tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.,		

| Validation Data



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night

| Contact information

Orders: order.cn@immunoway.com  
Support: support.cn@immunoway.com  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**Bim (Phospho  
Ser77) Rabbit pAb**

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