

**BAK1 Blocking Peptide**  
Catalog # PBV10012b**Specification**

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**BAK1 Blocking Peptide - Product Information**

Primary Accession	<a href="#">O16611</a>
Gene ID	578
Calculated MW	23409

**BAK1 Blocking Peptide - Additional Information****Gene ID** 578**Application & Usage**

**The peptide is used for blocking the antibody activity of Bak1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

**Other Names**

Bcl-2 homologous antagonist/killer, Apoptosis regulator BAK, Bcl-2-like protein 7, Bcl2-L-7, BAK1, BAK, BCL2L7, CDN1

**Target/Specificity**

Bak1

**Formulation**

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

BAK1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**BAK1 Blocking Peptide - Protein Information****Name** BAK1**Synonyms** BAK, BCL2L7, CDN1**Function**

Plays a role in the mitochondrial apoptotic process. Upon arrival of cell death signals, promotes

mitochondrial outer membrane (MOM) permeabilization by oligomerizing to form pores within the MOM. This releases apoptogenic factors into the cytosol, including cytochrome c, promoting the activation of caspase 9 which in turn processes and activates the effector caspases.

**Cellular Location**

Mitochondrion outer membrane; Single-pass membrane protein

**Tissue Location**

Expressed in a wide variety of tissues, with highest levels in the heart and skeletal muscle

**BAK1 Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BAK1 Blocking Peptide - Images**