

BBC3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP14100c**Specification**

BBC3 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q9BXH1](#)**BBC3 Antibody (Center) Blocking peptide - Additional Information**

Gene ID 27113

Other Names

Bcl-2-binding component 3, JFY-1, p53 up-regulated modulator of apoptosis, BBC3, PUMA

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14100c was selected from the Center region of BBC3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BBC3 Antibody (Center) Blocking peptide - Protein Information

Name BBC3

Synonyms PUMA

Function

Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis (PubMed: [11463391](http://www.uniprot.org/citations/11463391), PubMed: [23340338](http://www.uniprot.org/citations/23340338)). Promotes partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53, releasing the bound p53/TP53 to induce apoptosis (PubMed: [23340338](http://www.uniprot.org/citations/23340338)). Regulates ER stress-induced neuronal apoptosis (By similarity).

Cellular Location

Mitochondrion Note=Localized to the mitochondria in order to induce cytochrome c release

Tissue Location

Ubiquitously expressed.

BBC3 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

BBC3 Antibody (Center) Blocking peptide - Images

BBC3 Antibody (Center) Blocking peptide - Background

BBC3 is an essential mediator of p53-dependent and p53-independent apoptosis.

BBC3 Antibody (Center) Blocking peptide - References

Cazanave, S.C., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 299 (1), G236-G243 (2010)
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88(6):609-622(2010)Gomes, N.P., et al. Genes Dev. 24(10):1022-1034(2010)Liu, F.T., et al.
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