

**BEX1 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10699c****Specification**

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**BEX1 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q9HBH7](#)**BEX1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 55859**Other Names**

Protein BEX1, Brain-expressed X-linked protein 1, BEX1

**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.

**BEX1 Antibody (Center) Blocking peptide - Protein Information****Name** BEX1**Function**

Signaling adapter molecule involved in p75NTR/NGFR signaling. Plays a role in cell cycle progression and neuronal differentiation. Inhibits neuronal differentiation in response to nerve growth factor (NGF). May act as a link between the cell cycle and neurotrophic factor signaling, possibly by functioning as an upstream modulator of receptor signaling, coordinating biological responses to external signals with internal cellular states (By similarity). In absence of reductive stress, acts as a pseudosubstrate for the CRL2(FEM1B) complex: associates with FEM1B via zinc, thereby preventing association between FEM1B and its substrates (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q3MKQ2}. Cytoplasm {ECO:0000250|UniProtKB:Q3MKQ2}. Note=Shuttles between the cytoplasm and the nucleus. Predominantly nuclear. {ECO:0000250|UniProtKB:Q3MKQ2}

**Tissue Location**

Expressed in central nervous system, with high level in pituitary, cerebellum and temporal lobe. Expressed in lung, skeletal muscle, peripheral blood leukocyte, stomach, lymph node, trachea and bone marrow. Highly expressed in acute myeloid leukemia

## **BEX1 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **BEX1 Antibody (Center) Blocking peptide - Images**

## **BEX1 Antibody (Center) Blocking peptide - Background**

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## **BEX1 Antibody (Center) Blocking peptide - References**

Ding, K., et al. Carcinogenesis 30(1):35-42(2009)Foltz, G., et al. Cancer Res. 66(13):6665-6674(2006)Alvarez, E., et al. Gene 357(1):18-28(2005)Quentmeier, H., et al. Leukemia 19(8):1488-1489(2005)Ross, M.T., et al. Nature 434(7031):325-337(2005)