

**HES7 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9712a****Specification**

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**HES7 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q9BYE0](#)

**HES7 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 84667

**Other Names**

Transcription factor HES-7, hHes7, Class B basic helix-loop-helix protein 37, bHLHb37, Hairy and enhancer of split 7, bHLH factor Hes7, HES7, BHLHB37

**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.

**HES7 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** HES7

**Synonyms** BHLHB37

**Function**

Transcriptional repressor. Represses transcription from both N box- and E box-containing promoters. May with HES1, cooperatively regulate somite formation in the presomitic mesoderm (PSM). May function as a segmentation clock, which is essential for coordinated somite segmentation (By similarity).

**Cellular Location**

Nucleus.

**HES7 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**HES7 Antibody (N-term) Blocking Peptide - Images****HES7 Antibody (N-term) Blocking Peptide - Background**

HES7 is a member of the hairy and enhancer of split family of bHLH transcription factors. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton.

**HES7 Antibody (N-term) Blocking Peptide - References**

Sparrow, D.B., et al. Hum. Mol. Genet. 17(23):3761-3766(2008)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)