

HES6 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9509a**Specification**

HES6 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96HZ4](#)**HES6 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 55502**Other Names**

Transcription cofactor HES-6, C-HAIRY1, Class B basic helix-loop-helix protein 41, bHLHb41, Hairy and enhancer of split 6, HES6 {ECO:0000312|EMBL:AAK516341}, BHLHB41

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.

HES6 Antibody (N-term) Blocking Peptide - Protein Information**Name** HES6 {ECO:0000312|EMBL:AAK51634.1}**Synonyms** BHLHB41**Function**

Does not bind DNA itself but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. Also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCF3/E47, allowing ASCL1 and TCF3 to up- regulate transcription in its presence. Promotes cell differentiation (By similarity).

Cellular Location

Nucleus.

HES6 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HES6 Antibody (N-term) Blocking Peptide - Images**HES6 Antibody (N-term) Blocking Peptide - Background**

HES6 is a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. The protein functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus.

HES6 Antibody (N-term) Blocking Peptide - References

Iubb, D.M., et al. Neurosci. Lett. 460(2):185-190(2009)de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)Eun, B., et al. J. Biol. Chem. 283(9):5939-5949(2008)Scheffer, D., et al. FEBS Lett. 581(24):4651-4656(2007)