

**KLF9 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16249a****Specification**

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**KLF9 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q13886](#)**KLF9 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 687**Other Names**

Krueppel-like factor 9, Basic transcription element-binding protein 1, BTE-binding protein 1, GC-box-binding protein 1, Transcription factor BTEB1, KLF9, BTEB, BTEB1

**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.

**KLF9 Antibody (N-term) Blocking Peptide - Protein Information****Name** KLF9**Synonyms** BTEB, BTEB1**Function**

Transcription factor that binds to GC box promoter elements. Selectively activates mRNA synthesis from genes containing tandem repeats of GC boxes but represses genes with a single GC box. Acts as an epidermal circadian transcription factor regulating keratinocyte proliferation (PubMed:&lt;a href="http://www.uniprot.org/citations/22711835" target="\_blank"&gt;22711835&lt;/a&gt;).

**Cellular Location**

Nucleus.

**Tissue Location**

Epidermis (at protein level).

**KLF9 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **KLF9 Antibody (N-term) Blocking Peptide - Images**

#### **KLF9 Antibody (N-term) Blocking Peptide - Background**

The protein encoded by this gene is a transcription factor that binds to GC box elements located in the promoter. Binding of the encoded protein to a single GC box inhibits mRNA expression while binding to tandemly repeated GC box elements activates transcription.

#### **KLF9 Antibody (N-term) Blocking Peptide - References**

Du, H., et al. Biol. Reprod. 83(2):205-211(2010) Pabona, J.M., et al. Endocrinology 151(7):3396-3406(2010) Gamper, I., et al. Exp. Hematol. 37(5):539-548(2009) Kang, L., et al. Pathol. Int. 58(6):334-338(2008) Simmen, F.A., et al. Reprod. Biol. Endocrinol. 6, 41 (2008) :