

**KLF5 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7342b****Specification**

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**KLF5 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q13887](#)**KLF5 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 688**Other Names**

Krueppel-like factor 5, Basic transcription element-binding protein 2, BTE-binding protein 2, Colon krueppel-like factor, GC-box-binding protein 2, Intestinal-enriched krueppel-like factor, Transcription factor BTEB2, KLF5, BTEB2, CKLF, IKLF

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7342b](/products/AP7342b) was selected from the C-term region of human KLF5. 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.

**KLF5 Antibody (C-term) Blocking Peptide - Protein Information****Name** KLF5**Synonyms** BTEB2, CKLF, IKLF**Function**

Transcription factor that binds to GC box promoter elements. Activates the transcription of these genes.

**Cellular Location**

Nucleus.

**Tissue Location**

Expressed only in testis and placenta.

## **KLF5 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **KLF5 Antibody (C-term) Blocking Peptide - Images**

## **KLF5 Antibody (C-term) Blocking Peptide - Background**

KLF5 is a member of the Kruppel-like factor subfamily of zinc finger proteins. Since the protein localizes to the nucleus and binds the epidermal growth factor response element, the protein is thought to be a transcription factor.

## **KLF5 Antibody (C-term) Blocking Peptide - References**

Guo,P., Dong,X.Y. J. Biol. Chem. 284 (10), 6071-6078 (2009) Lee,M.Y., Moon,J.S. Biochem. J. 417 (1), 313-322 (2009) Du,J.X., Bialkowska,A.B. J. Biol. Chem. 283 (46), 31991-32002 (2008) Miyamoto,S., Suzuki,T. Mol. Cell. Biol. 23 (23), 8528-8541 (2003) Shi,H., Zhang,Z. Nucleic Acids Res. 27 (24), 4807-4815 (1999)