

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

KLF5 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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)