

KLF15 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18136b**Specification**

KLF15 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UIH9](#)**KLF15 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 28999**Other Names**

Krueppel-like factor 15, Kidney-enriched krueppel-like factor, KLF15, KKLf

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.

KLF15 Antibody (C-term) Blocking Peptide - Protein Information**Name** KLF15**Synonyms** KKLf**Function**

Transcriptional regulator that binds to the GA element of the CLCNKA promoter. Binds to the KCNIP2 promoter and regulates KCNIP2 circadian expression in the heart (By similarity). Is a repressor of Ccn2 expression, involved in the control of cardiac fibrosis. It is also involved in the control of cardiac hypertrophy acting through the inhibition of MEF2A and GATA4 (By similarity). Involved in podocyte differentiation (By similarity). Inhibits MYOCD activity. Is a negative regulator of TP53 acetylation. Inhibits NF-kappa-B activation through repression of EP300-dependent RELA acetylation.

Cellular Location

Nucleus

Tissue Location

Highly expressed in liver, skeletal muscle, and kidney. Expressed in cardiomyocytes. Expression is highly reduced in cardiac tissue of patients with non-ischemic cardiomyopathy and aortic aneurysm, and in glomerular disease. Not expressed in bone marrow or lymphoid tissues.

KLF15 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KLF15 Antibody (C-term) Blocking Peptide - Images

KLF15 Antibody (C-term) Blocking Peptide - Background

KLF15 is a transcriptional activator. Binds to the GA element of the CLCNKA promoter.

KLF15 Antibody (C-term) Blocking Peptide - References

Yamamoto, K., et al. Biochem. Biophys. Res. Commun. 400(1):175-180(2010)Haldar, S.M., et al. Sci Transl Med 2 (26), 26RA26 (2010) :Li, J., et al. BMC Genet. 11, 12 (2010) :Du, X., et al. J. Clin. Endocrinol. Metab. 94(7):2594-2601(2009)Wang, B., et al. J. Mol. Cell. Cardiol. 45(2):193-197(2008)