

KLF12 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16476b**Specification**

KLF12 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y4X4](#)**KLF12 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 11278**Other Names**

Krueppel-like factor 12, Transcriptional repressor AP-2rep, KLF12, AP2REP

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.

KLF12 Antibody (C-term) Blocking Peptide - Protein Information**Name** KLF12**Synonyms** AP2REP**Function**

Confers strong transcriptional repression to the AP-2-alpha gene. Binds to a regulatory element (A32) in the AP-2-alpha gene promoter.

Cellular Location

Nucleus.

KLF12 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KLF12 Antibody (C-term) Blocking Peptide - Images**KLF12 Antibody (C-term) Blocking Peptide - Background**

Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and an important regulator of gene expression during vertebrate development and carcinogenesis. The protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

KLF12 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Eyre, S., et al. Ann. Rheum. Dis. 69(7):1407-1408(2010) Wieczorek, S., et al. J. Mol. Med. 88(4):413-421(2010) Petersen, G.M., et al. Nat. Genet. 42(3):224-228(2010) Nakamura, Y., et al. Int. J. Cancer 125(8):1859-1867(2009)