

KLF12 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16476b**Specification**

KLF12 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9Y4X4
Other Accession	O35738 , NP_009180.3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44240
Antigen Region	283-312

KLF12 Antibody (C-term) - Additional Information**Gene ID** 11278**Other Names**

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

Target/Specificity

This KLF12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 283-312 amino acids from the C-terminal region of human KLF12.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KLF12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KLF12 Antibody (C-term) - 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

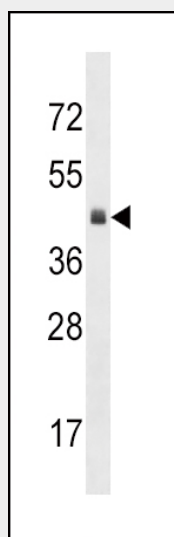
Nucleus.

KLF12 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KLF12 Antibody (C-term) - Images



KLF12 Antibody (C-term) (Cat. #AP16476b) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the KLF12 antibody detected the KLF12 protein (arrow).

KLF12 Antibody (C-term) - Background

Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and 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) - 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)