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KLF12 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16476b

Specification

KLF12 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9Y4X4
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

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.

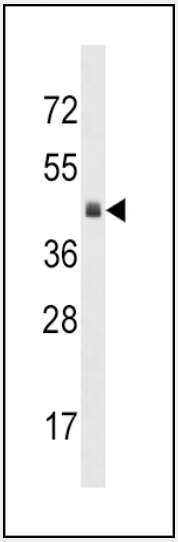
Cellular Location
Nucleus.

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 Cytomety
- 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].

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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)