

KLF15 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18136b

Product Information

Application	WB, E
Primary Accession	Q9UIH9
Other Accession	Q9EPW2 , NP_054798.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22494
Calculated MW	43992
Antigen Region	372-398

Additional Information

Gene ID	28999
Other Names	Krueppel-like factor 15, Kidney-enriched krueppel-like factor, KLF15, KKLF
Target/Specificity	This KLF15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 372-398 amino acids from the C-terminal region of human KLF15.
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	KLF15 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

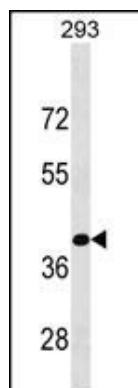
Background

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

References

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Du, X., et al. J. Clin. Endocrinol. Metab. 94(7):2594-2601(2009)
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Images



KLF15 Antibody (C-term) (Cat. #AP18136b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the KLF15 antibody detected the KLF15 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.