

KLF14 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10279b

Product Information

Application	WB, FC, E
Primary Accession	Q8TD94
Other Accession	Q19A41 , NP_619638.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27698
Calculated MW	33094
Antigen Region	254-283

Additional Information

Gene ID	136259
Other Names	Krueppel-like factor 14, Basic transcription element-binding protein 5, BTE-binding protein 5, Transcription factor BTEB5, KLF14, BTEB5
Target/Specificity	This KLF14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 254-283 amino acids from the C-terminal region of human KLF14.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	KLF14 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KLF14
Synonyms	BTEB5

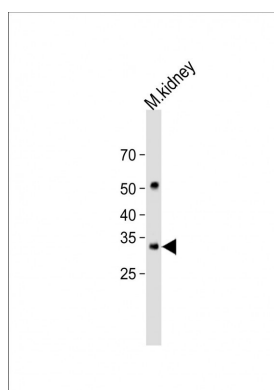
Background

This gene encodes a member of the Kruppel-like family of transcription factors. The gene exhibits imprinted expression from the maternal allele in embryonic and extra-embryonic tissues. Expression of this gene is induced by TGF-beta, and the protein represses TGF-beta receptor II expression. The protein functions as part of a transcriptional co-repressor complex that also contains the transcriptional regulator SIN3A and histone deacetylase 2.

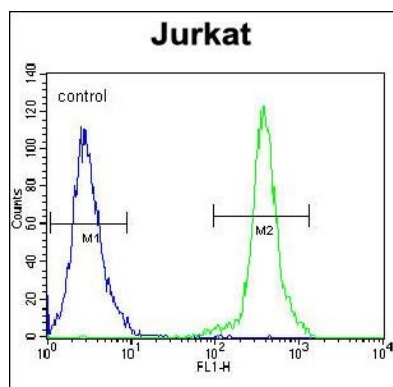
References

Voight, B.F., et al. Nat. Genet. 42(7):579-589(2010) Chasman, D.I., et al. PLoS Genet. 5 (11), E1000730 (2009) : Stacey, S.N., et al. Nat. Genet. 41(8):909-914(2009) Truty, M.J., et al. J. Biol. Chem. 284(10):6291-6300(2009) Parker-Katiraei, L., et al. PLoS Genet. 3 (5), E65 (2007) :

Images



All lanes: Anti-KLF14 Antibody (C-term) at 1:1000 dilution + Mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 33 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



KLF14 Antibody (C-term) (Cat. #AP10279b) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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