

Rabbit anti-Human, mouse KLF14 Polyclonal Antibody | anti-KLF14 antibody

KLF14 Antibody (C-term)

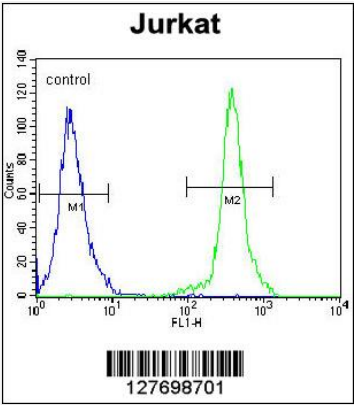
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288562	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

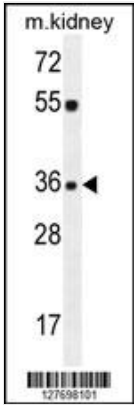
KLF14; Polyclonal Antibody; KLF14 Antibody (C-term); Krueppel-like factor 14; Basic transcription element-binding protein 5; BTE-binding protein 5; Transcription factor BTEB5; BTEB5; anti-KLF14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	254-283
Sequence Length	323
Applicable Applications for anti-KLF14 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
KLF14 Antibody (C-term) 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.



WB (Western Blot)
KLF14 Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the KLF14 antibody detected the KLF14 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KLF14 antibody	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-Katirae, L., et al. PLoS Genet. 3 (5), E65 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	32129442
UniProt Accession #	Q8TD94; Q19A42; Q19A43
Molecular Weight	33124
NCBI Official Full Name	Krueppel-like factor 14
UniProt Protein Name	Krueppel-like factor 14
UniProt Gene Name	KLF14
UniProt Synonym Gene Names	BTEB5; BTE-binding protein 5
UniProt Entry Name	KLF14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.