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KLF13 Rabbit pAb

Catalog # AP99444

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9Y2Y9
Other Accession	Q9Y2Y9
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31180
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KLF13
Epitope Specificity	197-249/288
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Sp1 C2H2-type zinc-finger protein family. Contains 3 C2H2-type zinc fingers.
Post-translational modifications	Phosphorylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Kruppel-like factor 13 (KLF13) belongs to a family of transcription factors that contain three classical zinc finger DNA binding domains consisting of a zinc atom tetrahedrally coordinated by two cysteines and two histidines (C2H2 motif). These transcription factors bind to GC rich sequences and related GT and CACCC boxes. KLF13 appears to be an important component of the transcription network required for heart development and cholesterol homeostasis.

Additional Information

Gene ID	51621
Other Names	BTEB3; FKLF2; NSLP1; RFLAT-1; RFLAT1; 0610043C13Rik; 9430029L20Rik; FKLF-2; KLF13_HUMAN; KLF13; Basic transcription element-binding protein 3 (BTE-binding protein 3); Novel Sp1-like zinc finger transcription factor 1; RANTES factor of late activated T-lymphocytes 1 (RFLAT-1); Transcription factor BTEB3; Transcription factor NSLP1; KLF13_MOUSE; Erythroid transcription factor FKLF-2; KLF transcription factor 13; Kruppel like factor 13
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KLF13 (HGNC:13672)
Synonyms	BTEB3, NSLP1
Function	Transcription factor that activates expression from GC-rich minimal promoter regions, including genes in the cells of the erythroid lineage (By similarity). Represses transcription by binding to the BTE site, a GC-rich DNA element, in competition with the activator SP1. It also represses transcription by interacting with the corepressor Sin3A and HDAC1 (PubMed:11477107). Activates RANTES and CCL5 expression in T- cells (PubMed:17513757).
Cellular Location	Nucleus.
Tissue Location	Ubiquitous.

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