
Product Name: KLF7 Rabbit Polyclonal Antibody**Catalog #: APRab13063**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300
Molecular Weight	41kDa

Antigen Information

Gene Name	KLF7
Alternative Names	KLF7; UKLF; Krueppel-like factor 7; Ubiquitous krueppel-like factor
Gene ID	8609.0
SwissProt ID	O75840
Immunogen	The antiserum was produced against synthesized peptide derived from human KLF7. AA range:171-220

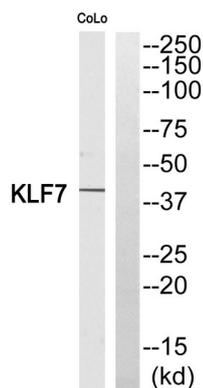
Background

The protein encoded by this gene is a member of the Kruppel-like transcriptional regulator family. Members in this family

regulate cell proliferation, differentiation and survival and contain three C2H2 zinc fingers at the C-terminus that mediate binding to GC-rich sites. This protein may contribute to the progression of type 2 diabetes by inhibiting insulin expression and secretion in pancreatic beta-cells and by deregulating adipocytokine secretion in adipocytes. A pseudogene of this gene is located on the long arm of chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012],domain:The acidic N-terminal part may favor interaction with the basic domain of transcription factors.,function:Transcriptional activator. Binds in vitro to the CACCC motif of the beta-globin promoter and to the SP1 recognition sequence.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,tissue specificity:Ubiquitous and highly expressed in brain and spinal cord in the adult, and in kidney and brain in the embryo.,

Research Area

Image Data



Western blot analysis of KLF7 Antibody. The lane on the right is blocked with the KLF7 peptide.