



KLF7 Monoclonal Antibody

Catalog No	YP-mAb-01839
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	KLF7
Protein Name	Krueppel-like factor 7
Immunogen	The antiserum was produced against synthesized peptide derived from human KLF7. AA range:171-220
Specificity	KLF7 Monoclonal Antibody detects endogenous levels of KLF7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KLF7; UKLF; Krueppel-like factor 7; Ubiquitous krueppel-like factor
Observed Band	41kD
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed.
Function	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.,
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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

