

Anti-KLF10 Rabbit Monoclonal Antibody

Catalog # ABO15656

Product Information

Application	WB
Primary Accession	Q13118
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-KLF10 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	7071
Other Names	Krueppel-like factor 10, EGR-alpha, Transforming growth factor-beta-inducible early growth response protein 1, TGFB-inducible early growth response protein 1, TIEG-1, KLF10, TIEG, TIEG1
Calculated MW	52555
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 22K32
Immunogen	A synthesized peptide derived from human KLF10
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

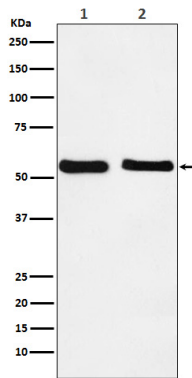
Name	KLF10
Synonyms	TIEG, TIEG1
Function	Transcriptional repressor which binds to the consensus sequence 5'-GGTGTG-3'. Plays a role in the regulation of the circadian clock; binds to the

GC box sequence in the promoter of the core clock component ARTNL/BMAL1 and represses its transcriptional activity. Regulates the circadian expression of genes involved in lipogenesis, gluconeogenesis, and glycolysis in the liver. Represses the expression of PCK2, a rate-limiting step enzyme of gluconeogenesis (By similarity). May play a role in the cell cycle regulation.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:O89091}.

Images



Western blot analysis of KLF10 expression in (1) HepG2 cell lysate; (2) NIH/3T3 cell lysate.

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