

KLF10 Antibody
Rabbit mAb
Catalog # AP92236

Specification

KLF10 Antibody - Product Information

Application	WB
Primary Accession	O13118
Reactivity	Rat
Clonality	Monoclonal
Other Names	
EGR alpha; EGRA; Egral; EGRalpha; Gdnfif; KLF10; mGIF; TIEG; TIEG1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	52555 Da

KLF10 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human KLF10
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

KLF10 Antibody - 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

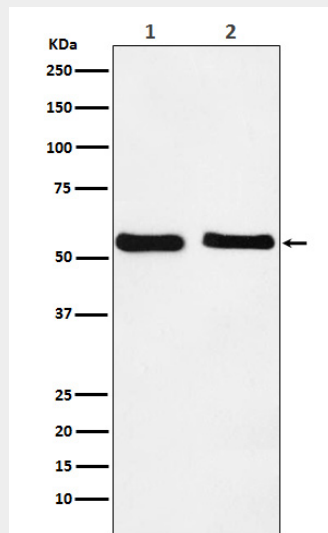
Nucleus {ECO:0000250|UniProtKB:O89091}.

KLF10 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KLF10 Antibody - Images



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