

Anti-TIEG-1/2 antibody



Description	Rabbit polyclonal to TIEG-1/2.
Model	STJ96017
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human TIEG-1/2
Immunogen Region	360-440 aa, C-terminal
Gene ID	7071
Gene Symbol	KLF10
Dilution range	IHC 1:100-1:300ELISA 1:5000
Specificity	TIEG-1/2 Polyclonal Antibody detects endogenous levels of TIEG-1/2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	52.555 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:118100MIM:601878
Alternative 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
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 . May play a role in the cell cycle regulation.
Cellular Localization	Nucleus
Post-translational Modifications	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.