

# Immunotag™ TIEG-1/2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4652
Product Description	Immunotag™ TIEG-1/2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TIEG-1/2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from TIEG-1/2, at AA range: 360-440
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
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	KLF10/11
Accession No.	Q13118/O14901 O08876
Alternate Names	KLF10; TIEG; TIEG1; 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; KLF11; FKLF; TIEG2; Krueppel-like factor 11; Transfor

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Description	Kruppel like factor 10(KLF10) Homo sapiens This gene encodes a member of a family of proteins that feature C2H2-type zinc finger domains. The encoded protein is a transcriptional repressor that acts as an effector of transforming growth factor beta signaling. Activity of this protein may inhibit the growth of cancers, particularly pancreatic cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013],
Protein Expression	Epithelium, Eye, Placenta,
Subcellular Localization	nucleus,
Protein Function	function:Transcriptional repressor involved in the regulation of cell growth. Inhibits cell growth. Binds to the consensus sequence 5'-GGTGTG-3', induction:By TGF-beta., PTM:Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation., similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family., similarity:Contains 3 C2H2-type zinc fingers.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.