Product Name: TIEG-1/2 Rabbit Polyclonal Antibody
Catalog #: APRab18926

Summary

Production Name	TIEG-1/2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	KLF10/11
Alternative 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
Gene ID	7071/8462
SwissProt ID	Q13118/O14901.The antiserum was produced against synthesized peptide derived from human KLF10/11. AA range:391-440

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:5000
Molecular Weight	

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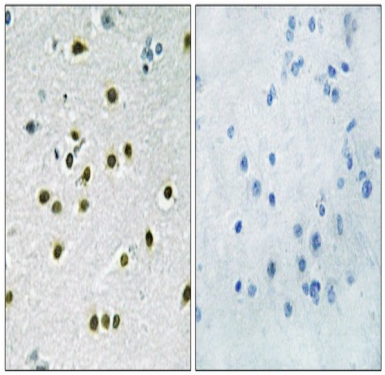
Background

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],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.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using KLF10/11 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.