

Rabbit anti-Human TIEG Polyclonal Antibody | anti-KLF10 antibody

TIEG Antibody (N-term)

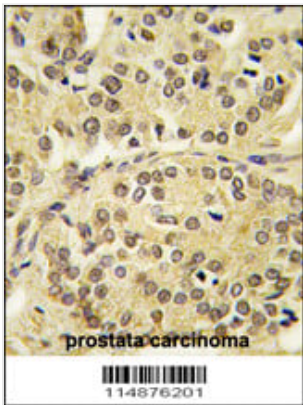
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289353	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

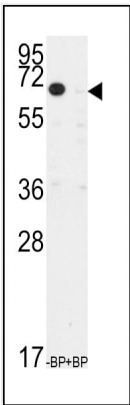
TIEG; Polyclonal Antibody; TIEG Antibody (N-term); Krueppel-like factor 10; EGR-alpha; Transforming growth factor-beta-inducible early growth response protein 1; TGFB-inducible early growth response protein 1; TIEG-1; KLF10; TIEG1; anti-KLF10 antibody

PRODUCT SPECIFICATIONS

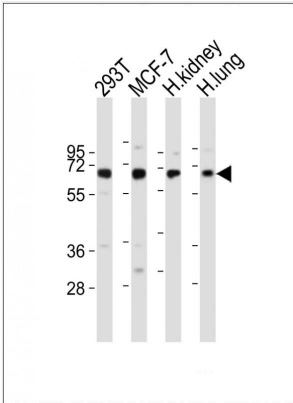
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TIEG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-40 amino acids from the N-terminal region of human TIEG.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	13-40
Sequence Length	123
Applicable Applications for anti-KLF10 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with TIEG antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-TIEG Antibody (N-term) pre-incubated with and without blocking peptide in CEM cell line lysate. TIEG(N-term)(arrow) was detected using the purified Pab.



WB (Western Blot)
All lanes : Anti-TIEG Antibody (N-term) at 1:2000 dilution
Lane 1: 293T whole cell lysates
Lane 2: MCF-7 whole cell lysates
Lane 3: human kidney lysates
Lane 4: human lung lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 53 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF10 antibody	TIEG is a transcriptional repressor involved in the regulation of cell growth. TIEG binds to the consensus sequence 5'-GGTGTG-3'and inhibits cell growth.
Product Categories/Family for anti-KLF10 antibody	Cancer; Cardiovascular; Signal transduction
References	Hawse,J.R., Mol. Endocrinol. 22 (7), 1579-1595 (2008) Ivanov,S.V., Biochem. Biophys. Res. Commun. 370 (4), 536-540 (2008) Jin,W., FEBS Lett. 581 (20), 3826-3832 (2007) Fueki,N., Respiration 74 (4), 454-459 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	73760403
NCBI GeneID	7071
NCBI Accession #	NP_001027453.1; NP_005646.1
NCBI GenBank Nucleotide #	NM_001032282.3

UniProt Accession #	Q13118 ; O75411 ; Q503B2 ; A8MVH0 ; B2R794 ; L0R4P6 ; L0R679
Molecular Weight	52555
NCBI Official Full Name	Krueppel-like factor 10 isoform b
NCBI Official Synonym Full Names	Kruppel-like factor 10
NCBI Official Symbol	KLF10
NCBI Official Synonym Symbols	EGRA; TIEG; TIEG1; EGR-alpha
NCBI Protein Information	Krueppel-like factor 10
UniProt Protein Name	Krueppel-like factor 10
UniProt Gene Name	KLF10
UniProt Synonym Gene Names	TIEG; TIEG1; TGFB-inducible early growth response protein 1; TIEG-1
UniProt Entry Name	KLF10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tieg-antibody-immunohistochemistry-western-blot-elisa/289353>