

Rabbit TIEG2 Polyclonal Antibody | anti-KLF11 antibody

TIEG2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283747	Rabbit	Human (Predicted Reactivity: Mouse)	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TIEG2; Polyclonal Antibody; TIEG2 Antibody (N-term); Krueppel-like factor 11; Transforming growth factor-beta-inducible early growth response protein 2; TGFB-inducible early growth response protein 2; TIEG-2; KLF11; FKLF; anti-KLF11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TIEG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-36 amino acids from the N-terminal region of human TIEG2.
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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	7-36
Sequence Length	495
Applicable Applications for anti-KLF11 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), 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.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of TIEG2 Antibody (N-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 293 cells using TIEG2 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with TIEG2 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 TIEG2 antibody (N-term) in K562 cell line lysates (35ug/lane). TIEG2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KLF11 antibody	TIEG2 is a transcription factor. The protein activates the epsilon- and gamma-globin gene promoters and, to a much lower degree, the beta-globin gene and represses promoters containing SP1-like binding inhibiting cell growth. It represses transcription of SMAD7 which enhances TGF-beta signaling. It induces apoptosis.
Product Categories/Family for anti-KLF11 antibody	Cancer ; Cardiovascular ; Signal transduction
References	Kuroda,E., Endocr. J. 56 (2), 275-286 (2009) Ma,L., J. Clin. Endocrinol. Metab. 93 (9), 3644-3649 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	295148161
NCBI GeneID	8462
NCBI Accession #	NP_001171187.1; NP_001171189.1; NP_003588.1
NCBI GenBank Nucleotide #	NM_001177716.1
UniProt Accession #	O14901; Q9EPF4; B4DZE7
Molecular Weight	55139
NCBI Official Full Name	Krueppel-like factor 11 isoform b
NCBI Official Synonym Full Names	Kruppel-like factor 11
NCBI Official Symbol	KLF11
NCBI Official Synonym Symbols	FKLF; FKLF1; MODY7; TIEG2; Tieg3
NCBI Protein Information	Krueppel-like factor 11
UniProt Protein Name	Krueppel-like factor 11
UniProt Gene Name	KLF11
UniProt Synonym Gene Names	FKLF; TIEG2; TGFB-inducible early growth response protein 2; TIEG-2
UniProt Entry Name	KLF11_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://stage.aaabiotech.com/polyclonal/tieg2-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/283747>