

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

TIEG Antibody (Center)

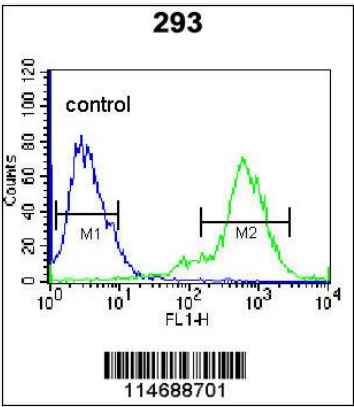
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA284284 | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA, Western Blot |

### PRODUCT SYNONYMS

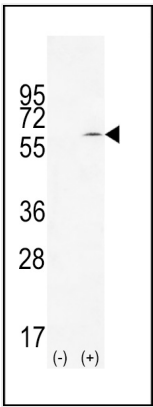
TIEG; Polyclonal Antibody; TIEG Antibody (Center); Krueppel-like factor 10; EGR-alpha; Transforming growth factor-beta-inducible early growth response protein 1; TGFB-inducible early growth response protein 1; TIEG-1; KLF10; TIEG1; anti-KLF10 antibody

### 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 198-225 amino acids from the Central 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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                   | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                              | 198-225                                                                                                                                                                                   |
| Sequence Length                                 | 123                                                                                                                                                                                       |
| Applicable Applications for anti-KLF10 antibody | FCM/FACS (Flow Cytometry), 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.                                    |



**FCM/FACS (Flow Cytometry)**  
TIEG Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
Western blot analysis of TIEG (arrow) using rabbit polyclonal TIEG Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TIEG gene.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KLF10 antibody | Transcriptional repressor involved in the regulation of cell growth. Inhibits cell growth. Binds to the consensus sequence 5'-GGTGTG-3'.                                                                                                                                                                                        |
| Product Categories/Family for anti-KLF10 antibody   | Cancer; Cardiovascular; Signal transduction                                                                                                                                                                                                                                                                                     |
| References                                          | Kim, J., et al. Biochem. Biophys. Res. Commun. 401(3):412-416(2010)<br>Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010)<br>Subramaniam, M., et al. Biofactors 36(1):8-18(2010)<br>Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) :<br>Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) |

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          | Kruppel-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         | Kruppel-like factor 10                                              |
| UniProt Protein Name             | Kruppel-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://stage.aaabiotech.com/polyclonal/tieg-antibody-flow-cytometry-western-blot-elisa/284284>