

TIEG2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6625a**Specification**

TIEG2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O14901](#)**TIEG2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8462**Other Names**

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, TIEG2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6625a](/products/AP6625a) was selected from the N-term region of human TIEG2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TIEG2 Antibody (N-term) Blocking Peptide - Protein Information**Name** KLF11**Synonyms** FKLf, TIEG2**Function**

Transcription factor (PubMed: [9748269](http://www.uniprot.org/citations/9748269), PubMed: [10207080](http://www.uniprot.org/citations/10207080)). 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 (PubMed: [9748269](http://www.uniprot.org/citations/9748269), PubMed: [10207080](http://www.uniprot.org/citations/10207080), PubMed: [16131492](http://www.uniprot.org/citations/16131492)). Represses transcription of SMAD7 which enhances TGF-beta signaling (By similarity). Induces apoptosis (By similarity).

Cellular Location

Nucleus.

Tissue Location

Ubiquitous. Higher expression in erythroid cells.

TIEG2 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TIEG2 Antibody (N-term) Blocking Peptide - Images**TIEG2 Antibody (N-term) Blocking Peptide - Background**

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.

TIEG2 Antibody (N-term) Blocking Peptide - References

Kuroda,E., Endocr. J. 56 (2), 275-286 (2009)Ma,L., J. Clin. Endocrinol. Metab. 93 (9), 3644-3649 (2008)