

TLE4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12953a**Specification**

TLE4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q04727](#)

TLE4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 7091

Other Names

Transducin-like enhancer protein 4, Grg-4, Groucho-related protein 4, TLE4, GRG4, KIAA1261

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.

TLE4 Antibody (N-term) Blocking peptide - Protein Information

Name TLE4

Synonyms GRG4, KIAA1261

Function

Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by PAX5, and by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Essential for the transcriptional repressor activity of SIX3 during retina and lens development and for SIX3 transcriptional auto-repression (By similarity). Involved in transcriptional repression of GNRHR and enhances MSX1-mediated transcriptional repression of CGA/alpha-GSU (By similarity).

Cellular Location

Nucleus.

Tissue Location

In all tissues examined, mostly in brain, and muscle

TLE4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TLE4 Antibody (N-term) Blocking peptide - Images

TLE4 Antibody (N-term) Blocking peptide - Background

TLE4 is a transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated by PAX5, and by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES (By similarity).

TLE4 Antibody (N-term) Blocking peptide - References

Liu, Y., et al. PLoS Genet. 5 (11), E1000707 (2009) :Hancock, D.B., et al. PLoS Genet. 5 (8), E1000623 (2009) :Stolk, L., et al. Nat. Genet. (2009) In press :Dayyani, F., et al. Blood 111(8):4338-4347(2008)Heimbucher, T., et al. Mol. Cell. Biol. 27(1):340-351(2007)