

**TLE4 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51567**

**Specification**

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**TLE4 Antibody - Product Information**

Application	<b>WB, IHC-P, E</b>
Primary Accession	<a href="#">Q04727</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>84 KDa</b>

**TLE4 Antibody - Additional Information**

**Gene ID** 7091

**Other Names**

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

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**TLE4 Antibody - 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 - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **TLE4 Antibody - Images**

## **TLE4 Antibody - Background**

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## **TLE4 Antibody - References**

Nagase T., et al. DNA Res. 6:337-345(1999).  
Humphray S.J., et al. Nature 429:369-374(2004).  
Bechtel S., et al. BMC Genomics 8:399-399(2007).  
Stifani S., et al. Nat. Genet. 2:119-127(1992).  
Olsen J.V., et al. Cell 127:635-648(2006).