

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

TLE4 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q04727
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84 KDa

TLE4 Antibody - Additional Information**Gene ID** 7091**Other Names**

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

Dilution

WB~~1:1000

IHC-P~~N/A

E~~N/A

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**

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 - 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).