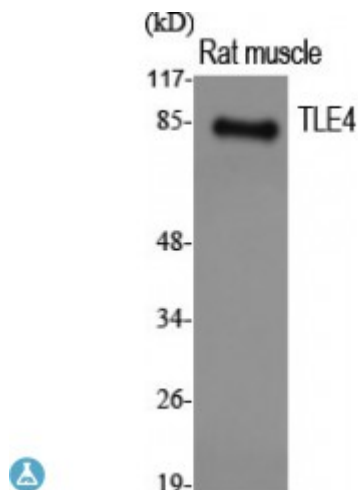


## Anti-TLE4 antibody



|                           |                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Rabbit polyclonal to TLE4.                                                                                            |
| <b>Model</b>              | STJ96036                                                                                                              |
| <b>Host</b>               | Rabbit                                                                                                                |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                     |
| <b>Applications</b>       | ELISA, IHC, WB                                                                                                        |
| <b>Immunogen</b>          | Synthesized peptide derived from human TLE4                                                                           |
| <b>Immunogen Region</b>   | 130-210 aa, Internal                                                                                                  |
| <b>Gene ID</b>            | <a href="#">7091</a>                                                                                                  |
| <b>Gene Symbol</b>        | <a href="#">TLE4</a>                                                                                                  |
| <b>Dilution range</b>     | WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000                                                                           |
| <b>Specificity</b>        | TLE4 Polyclonal Antibody detects endogenous levels of TLE4 protein.                                                   |
| <b>Tissue Specificity</b> | In all tissues examined, mostly in brain, and muscle.                                                                 |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>       | Transducin-like enhancer protein 4 Grg-4 Groucho-related protein 4                                                    |
| <b>Molecular Weight</b>   | 85 kDa                                                                                                                |
| <b>Clonality</b>          | Polyclonal                                                                                                            |
| <b>Conjugation</b>        | Unconjugated                                                                                                          |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Database Links</b>                   | <a href="#">HGNC:11840</a> <a href="#">OMIM:605132</a>                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Alternative Names</b>                | Transducin-like enhancer protein 4 Grg-4 Groucho-related protein 4                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Function</b>                         | 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 . |
| <b>Sequence and Domain Family</b>       | WD repeat Groucho/TLE family members are characterized by 5 regions, a glutamine-rich Q domain, a glycine/proline-rich GP domain, a central CcN domain, containing a nuclear localization signal, and a serine/proline-rich SP domain. The most highly conserved are the N-terminal Q domain and the C-terminal WD-repeat domain.                                                                                                                      |
| <b>Cellular Localization</b>            | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Post-translational Modifications</b> | Phosphorylated. PAX5 binding increases phosphorylation . Ubiquitinated by XIAP/BIRC4.                                                                                                                                                                                                                                                                                                                                                                  |