

**TLE1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10052****Specification**

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**TLE1 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q04724</a>
Other Accession	<a href="#">Q04724</a> , <a href="#">NP_005068</a> , <a href="#">NM_005077</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rabbit, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83 kDa KDa

**TLE1 antibody - N-terminal region - Additional Information****Gene ID** 7088**Alias Symbol** **ESG, ESG1, GRG1****Other Names**

Transducin-like enhancer protein 1, E(Sp1) homolog, Enhancer of split groucho-like protein 1, ESG1, TLE1

**Target/Specificity**

TLE1 is a transcriptional corepressor that binds to a number of transcription factors. TLE1 inhibits NF-kappa-B-regulated gene expression and the transcriptional activation mediated by FOXA2, 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. TLE1 has an unusual function as coactivator for ESRRG.

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-TLE1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

TLE1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**TLE1 antibody - N-terminal region - Protein Information****Name** TLE1

### Function

Transcriptional corepressor that binds to a number of transcription factors. Inhibits NF-kappa-B-regulated gene expression. Inhibits the transcriptional activation mediated by FOXA2, and by CTNNB1 and TCF family members in Wnt signaling. Enhances FOXG1/BF- 1- and HES1-mediated transcriptional repression (By similarity). The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Unusual function as coactivator for ESRRG.

### Cellular Location

Nucleus. Note=Nuclear and chromatin-associated, depending on isoforms and phosphorylation status. Hyperphosphorylation decreases the affinity for nuclear components

### Tissue Location

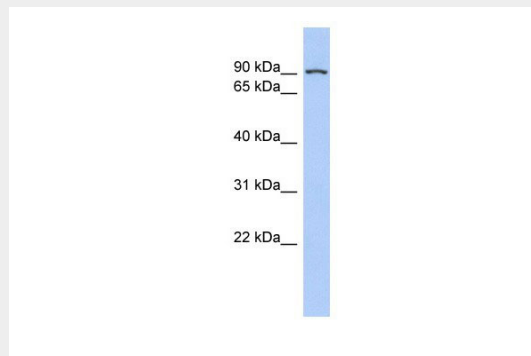
In all tissues examined, mostly in brain, liver and muscle

### TLE1 antibody - N-terminal region - 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](#)

### TLE1 antibody - N-terminal region - Images



TLE1 antibody - N-terminal region (AI10052) in Human PANC1 cells using Western Blot  
WB Suggested Anti-TLE1 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: PANC1 cell lysate

### TLE1 antibody - N-terminal region - Background

This is a rabbit polyclonal antibody against TLE1. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).