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

Specification

TLE1 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q04724
Other Accession	Q04724, NP_005068, NM_005077
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

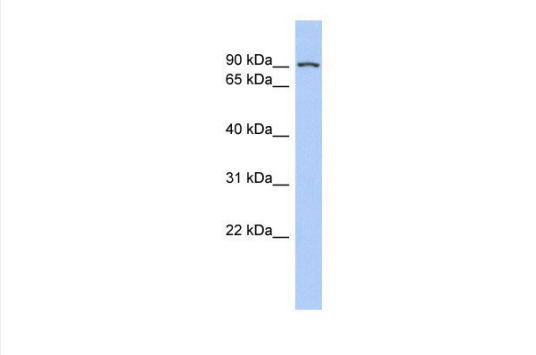
Tissue Location
In all tissues examined, mostly in brain, liver and muscle

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 Cytomety
- 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).