

# **Anti-TLE2 Antibody**

**Catalog # AP53781** 

### **Specification**

## **Anti-TLE2 Antibody - Product Information**

Application WB, IHC
Primary Accession
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 79841

## **Anti-TLE2 Antibody - Additional Information**

#### **Gene ID** 7089

#### **Other Names**

Transducin-like enhancer protein 2; Enhancer of split groucho-like protein 2; ESG2

## **Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TLE2. The exact sequence is proprietary.

### **Dilution**

WB~~1/500 - 1/1000 IHC~~1:100~500

#### Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

## **Storage**

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

# **Anti-TLE2 Antibody - Protein Information**

### Name TLE2

### **Function**

Transcriptional corepressor that binds to a number of transcription factors. Inhibits the transcriptional activation mediated 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).

# **Cellular Location**

Nucleus.

# **Tissue Location**



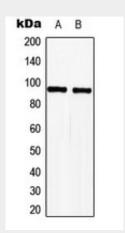
In all tissues examined, mostly in heart, brain, and muscle

# **Anti-TLE2 Antibody - Protocols**

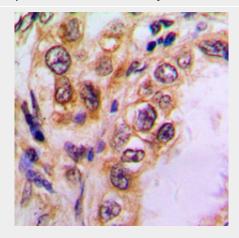
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Anti-TLE2 Antibody - Images

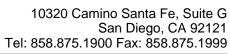


Western blot analysis of TLE2 expression in HeLa (A), Jurkat (B) whole cell lysates.



Immunohistochemical analysis of TLE2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

# **Anti-TLE2 Antibody - Background**





Rabbit polyclonal antibody to TLE2