

## TLE6 polyclonal antibody

Catalog: BS31777

Host: Rabbit

Reactivity: Human

### BackGround:

Transducin-like enhancer protein 6: Component of the subcortical maternal complex (SCMC), a multiprotein complex that plays a key role in early embryonic development. The SCMC complex is a structural constituent of cytoplasmic lattices, which consist in fibrous structures found in the cytoplasm of oocytes and preimplantation embryos (By similarity). They are required to store maternal proteins critical for embryonic development, such as proteins that control epigenetic reprogramming of the preimplantation embryo, and prevent their degradation or activation (By similarity). Also required for spermatogenesis: regulates spermatogonia proliferation and cell cycle progression, potentially via regulation of cell cycle regulatory genes such as; CEBPB, CEBPA, CSF3, PCNA, and CDK4 (By similarity). Suppresses FOXG1/BF-1-mediated transcriptional repression by inhibiting interaction of the transcriptional corepressor TLE1 with FOX...

### Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~63.5 kDa

### Swiss-Prot:

Q9H808

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

### Storage&Stability:

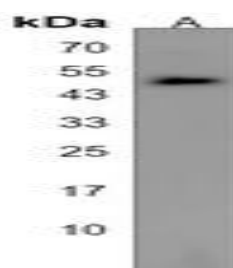
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

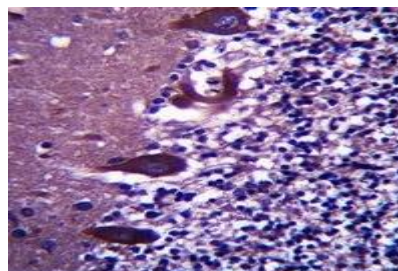
### Specificity:

Recognizes endogenous levels of TLE6 protein.

### DATA:



Western blot analysis of GRP78 expression in NIH3T3 (A) whole cell lysates.



Immunohistochemical analysis of GRP78 staining in human breast 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.

### Note:

For research use only, not for use in diagnostic procedure.

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