

## TSC22 (E73) polyclonal antibody

Catalog: BS2661

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Transforming growth factor- $\beta$ -stimulated clone-22 (TSC-22) acts as a transcriptional regulator to modulate cell growth and differentiation and cell death. TSC-22 contains a leucine zipper domain as well as a nuclear export signal, resulting in cytoplasmic localization in living cells. However, concomitant with the induction of apoptosis, TSC-22 translocates from the cytoplasm to the nucleus and shows transcriptional regulatory activity. TSC-22 acts as a major downstream component in the TGF- $\beta$  pathway, and also the PPAR $\gamma$  signalling pathway. The association of these two pathways with tumor suppression, and the significant downregulation of TSC-22 mRNA in various cancer types, such as brain and salivary gland tumors, imply an antiproliferative role for TSC-22.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 16 kDa

### Swiss-Prot:

Q15714

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

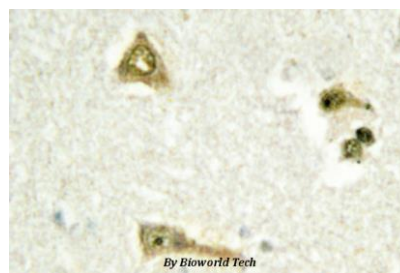
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

TSC-22 (E73) polyclonal antibody detects endogenous levels of TSC-22 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of TSC-22 (E73) pAb in paraffin-embedded human brain tissue.

### Note:

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

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