

## TBX2/TBX3 polyclonal antibody

Catalog: BS61605

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The T-box (Tbx) motif is present in a family of genes whose structural features and expression patterns support their involvement in developmental gene regulation. The Tbx gene family are largely conserved throughout meta-zoan evolution, and these genes code for putative trans-cription factors that share a uniquely defining DNA-binding domain. Tbx genes are a family of devel-opmental regulators with more than 20 members recently identified in invertebrates and vertebrates. Mutations in Tbx genes are associated with the onset of several human diseases. Our understanding of functional mechanisms of Tbx products has come mainly from the prototypical T/ brachyury, which is a transcription activator. The Tbx genes constitute a family of transcriptional regulatory genes that are implicated in a variety of developmental processes ranging from the formation of germ.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 75, 79 kDa

### Swiss-Prot:

O15119/Q13207

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-munogen and the purity is > 96% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

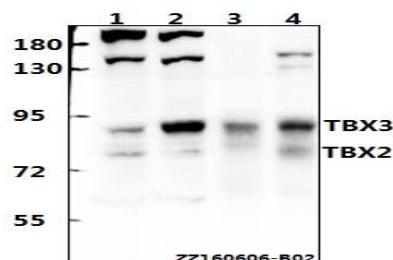
### Storage&Stability:

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

### Specificity:

TBX2/TBX3 polyclonal antibody detects endogenous levels of TBX2 and TBX3 protein.

### DATA:



Western blot (WB) analysis of TBX2/TBX3 polyclonal antibody at 1:500 dilution

Lane1:786-O whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:The fetal lung tissue lysate of Mouse(40ug)

Lane4:The fetal lung tissue lysate of Rat(40ug)

### Note:

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

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