

TBX3 polyclonal antibody

Catalog: BS61754

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 metazoan evolution, and these genes code for putative transcription factors that share a uniquely defining DNA-binding domain. TBX genes are a family of developmental 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 layers to the organizational patterning of the central nervous system.

Product:

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

Molecular Weight:

~ 79 kDa

Swiss-Prot:

O15119

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:

WB: 1:500~1:1000

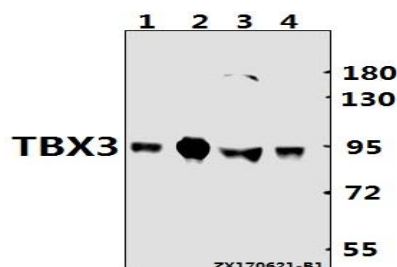
Storage&Stability:

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

Specificity:

TBX3 polyclonal antibody detects endogenous levels of TBX3 protein.

DATA:



Western blot (WB) analysis of TBX3 polyclonal antibody at 1:1000 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:MEF whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:HepG2 whole cell lysate(40ug)

Note:

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

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