

## TGIF2LY polyclonal antibody

Catalog: BS60531

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

The homeobox DNA-binding domain is a 60 amino acid motif that is conserved among many species. It also functions to bind DNA via a helix-turn-helix structure, thereby playing a role in transcriptional regulation and control of gene expression. TGIF2LY (TGFB-induced factor homeobox 2-like, Y-linked), also known as TGIFLY, is a 185 amino acid testis-specific nuclear protein that functions as a transcriptional regulator during spermatid maturation. TGIF2LY belongs to the TALE/TGIF homeobox family and contains one homeobox DNA-binding domain. The gene encoding TGIF2LY maps within a male specific region of chromosome Y, in a region implied to form following a large X-to-Y transposition. The C-terminal region of TGIF2LY differs from the C-terminal region of its chromosome X homolog TGIF2LX, which suggests that TGIF2LY may act as a competitor or regulator of TGIF2LX.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 21 kDa

### Swiss-Prot:

Q8IUE0

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is &gt; 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

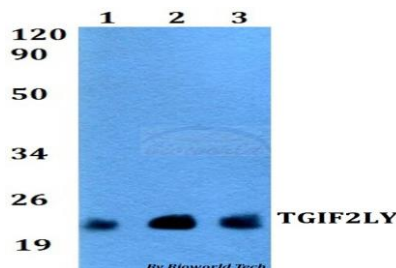
### Storage&Stability:

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

### Specificity:

TGIF2LY polyclonal antibody detects endogenous levels of TGIF2LY protein.

### DATA:



Western blot (WB) analysis of TGIF2LY polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:Jurkat whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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