

## STK31 polyclonal antibody

Catalog: BS60242

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Protein kinases catalyze the post-translational transfer of a phosphate group from ATP to a serine, threonine or tyrosine residue, thereby playing a major role in many intracellular and intercellular signaling cascades. STK31 (Serine/threonine-protein kinase 31) is a 1019 amino acid protein belonging to the protein kinase superfamily. STK31 contains one C-terminal protein kinase domain and one N-terminal Tudor domain, which functions as a protein-protein interaction motif during RNA metabolism or transport. As a testis-specific kinase, STK31 is found in both post-meiotic spermatocytes as well as in mature spermatozoa and is thought to be involved in spermatogenesis and/or sperm function. Also, as a result of frequent expression in colorectal, gastric and esophageal cancers, STK31 has been identified as a potential cancer/testis (CT) antigen. There are two named isoforms of STK31 which are produced as a result of an alternative splicing event.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 116 kDa

### Swiss-Prot:

Q9BXU1

### Purification&Purity:

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

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

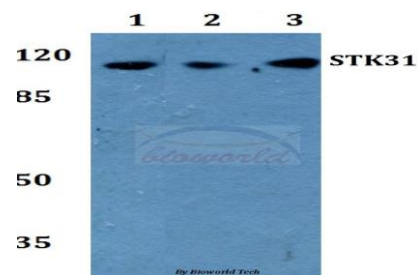
### Storage&Stability:

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

### Specificity:

STK31 polyclonal antibody detects endogenous levels of STK31 protein.

### DATA:



Western blot (WB) analysis of STK31 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

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