

## THNSL2 polyclonal antibody

Catalog: BS61346

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

THNSL2 (threonine synthase-like 2), also known as TSH2, is a 484 amino acid protein belonging to the threonine synthase family. Utilizing pyridoxal phosphate as a cofactor, THNSL2 may function as a catabolic phospholase on gamma and beta phosphorylated substrates. THNSL2 may also degrade O-phospho-threonine to alpha-ketobutyrate, ammonia and phosphate. Existing as four alternatively spliced isoforms, THNSL2 is encoded by a gene mapping to human chromosome 2p11.2. As the second largest human chromosome, chromosome 2 makes up approximately 8% of the human genome and contains 237 million bases encoding over 1,400 genes. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8 gene defects. An extremely rare recessive genetic disorder, Alström syndrome, is related to mutations in the ALMS1 gene.

### Product:

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

### Molecular Weight:

~ 54 kDa

### Swiss-Prot:

Q86YJ6

### 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

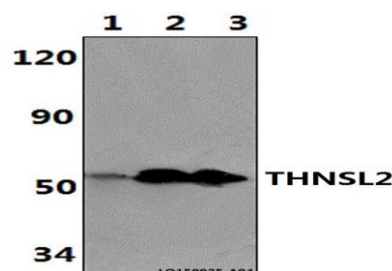
### Storage&Stability:

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

### Specificity:

THNSL2 polyclonal antibody detects endogenous levels of THNSL2 protein.

### DATA:



Western blot (WB) analysis of THNSL2 polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:RAW264.7 whole cell lysate(40ug)

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151