

## TXNL4B polyclonal antibody

Catalog: BS8720

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Dim2, also known as TXNL4B (thioredoxin-like 4B), or DLP, is a 149 amino acid nuclear protein that exists as a homodimer and plays an essential role in pre-mRNA splicing. Evolutionarily related and sharing 38% sequence identity with Dim1, Dim2 is required for S/G(2) transition during the cell cycle and is able to bind the PRP6 (U5-102K) subunit of the spliceosome. The gene encoding Dim2 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The rare disorder Rubinstein-Taybi syndrome is associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 17kDa

### Swiss-Prot:

Q9NX01

### 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: 1:500~1:2000

IF: 1:50~1:200

### Storage&Stability:

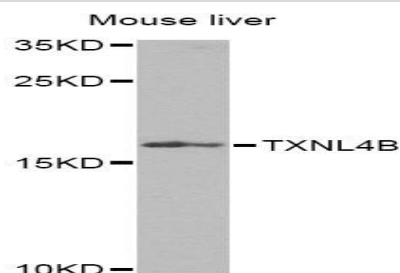
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

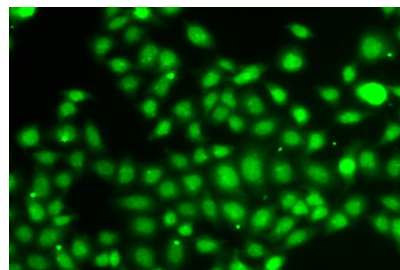
### Specificity:

TXNL4B polyclonal antibody detects endogenous levels of TXNL4B protein.

### DATA:



Western blot analysis of extracts of mouse liver, using TXNL4B Antibody.



Immunofluorescence analysis of A549 cell using TXNL4B antibody.

### Note:

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

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