

## DUS2L polyclonal antibody

Catalog: BS61523

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

DUS2L (tRNA-dihydrouridine synthase 2-like), also known as URLC8 (upregulated in lung cancer protein 8) or SMM1, is a 493 amino acid member of the DUS protein family. Localized to cytoplasm and endoplasmic reticulum, DUS2L uses FAD as a cofactor to catalyze the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs. DUS2L contains one DRBM (double-stranded RNA-binding) domain and has been found to interact with ProRS. DUS2L is upregulated in most lung cancer cells and has weak expression in normal heart, skeletal muscle and placenta. The gene that encodes DUS2L maps to human chromosome 16q22.1 and murine chromosome 8 D3.

### Product:

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

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

Q9NX74

### 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

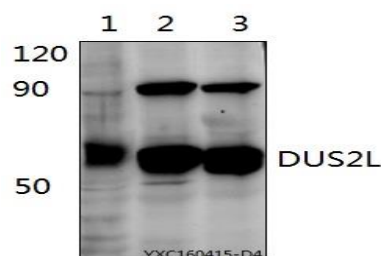
### Storage&Stability:

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

### Specificity:

DUS2L polyclonal antibody detects endogenous levels of DUS2L protein.

### DATA:



Western blot (WB) analysis of DUS2L polyclonal antibody at 1:500 dilution

Lane1:HCT-116 whole cell lysate(40µg)

Lane2:The Lung tissue lysate of Mouse(40µg)

Lane3:The Lung tissue lysate of Rat(40µg)

### 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@biogol.com](mailto:info@biogol.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151