

## DUS2L Polyclonal Antibody

### Description

|                         |  |
|-------------------------|--|
| Product type            | Primary Antibody   |
| Code                    | BT-AP02752   |
| Host                    | Rabbit   |
| Isotype                 | IgG  |
| Size                    | 20ul, 50ul, 100ul  |
| Immunogen               | The antiserum was produced against synthesized peptide derived from human DUS2L. AA range:421-470  |
| Mol wt                  | 55050  |
| Species reactivity      | Human, Mouse   |
| Clonality               | Polyclonal   |
| Recommended application | WB, IHC-p, ELISA   |
| Concentration           | 1 mg/ml  |
| Full name               | DUS2L Antibody   |
| Synonyms                | DUS2L; DUS2; tRNA-dihydrouridine(20) synthase [NAD(P)+]-like; Up-regulated in lung cancer protein 8; URLC8; tRNA-dihydrouridine synthase 2-like; hDUS2 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

DUS2 (dihydrouridine synthase 2) encodes a cytoplasmic protein that catalyzes the conversion of uridine residues to dihydrouridine in the D-loop of tRNA. The resulting modified bases confer enhanced regional flexibility to tRNA. The encoded protein may increase the rate of translation by inhibiting an interferon-induced protein kinase. DUS2 has been implicated in pulmonary carcinogenesis. Alternatively spliced transcript variants have been described for DUS2.

### Recommended Dilution

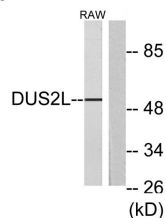
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

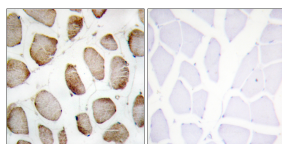
ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from RAW264.7 cells, using DUS2L Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using DUS2L Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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