

## Anti-DUS2/Dus2LL Antibody

Catalog Number: A10393

### About DUS2

Dihydrouridine synthase. Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs. Negatively regulates the activation of EIF2AK2/PKR.

Ota T., Nat. Genet. 36:40-45(2004).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Kato T., Cancer Res. 65:5638-5646(2005).

### Overview

Product Name	Anti-DUS2/Dus2LL Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DUS2/Dus2LL Antibody (Catalog # A10393). Tested in WB, IHC applications. This antibody reacts with Human, Mouse.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NX74

### Technical Details

Immunogen	Synthesized peptide derived from C-terminal of human DUS2L.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Suggested Dilutions**

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

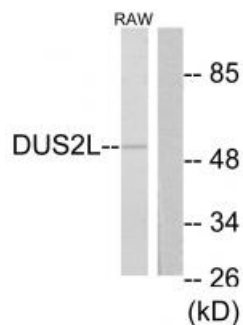
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

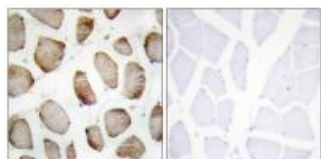
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

## Anti-DUS2/Dus2LL Antibody (A10393) Images



Western blot analysis of extracts from RAW264.7 cells, using DUS2L antibody A10393.



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle using DUS2L antibody A10393.

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