

## Anti-DUS2 antibody

<b>Cat. No.</b>	ml125089
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-DUS2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human DUS2
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.54 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	DUS2
<b>Full name</b>	dihydrouridine synthase 2
<b>Synonyms</b>	SMM1; DUS2L; URLC8
<b>Swissprot</b>	Q9NX74

### Target Background

This gene 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. This gene has been implicated in pulmonary carcinogenesis. Alternatively spliced transcript variants have been described for this gene.

订购热线: 4008-898-798

### Applications

#### Western blotting

Predicted band size: 55 kDa

Positive control: HEPG2, RAW264.7, A549 and Hela cell lysates

Recommended dilution: 200-1000

Gel: 8% SDS-PAGE

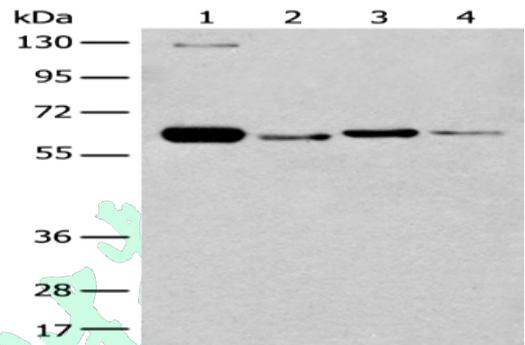
Lysate: 40  $\mu$ g

Lane 1-4: HEPG2, RAW264.7, A549 and Hela cell lysates

Primary antibody: ml125089 (DUS2 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



### ELISA

Recommended dilution: 5000-10000

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