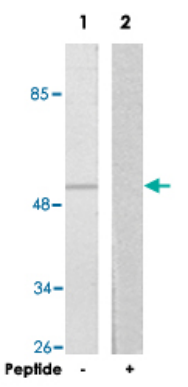
# DUS2L polyclonal antibody

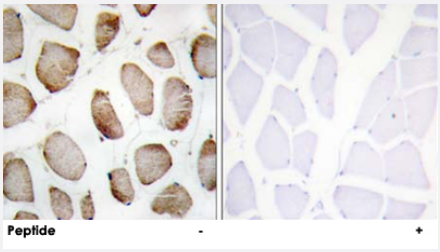
Catalog # PAB17461 Size 100 ug

## Applications




### Western Blot (Cell lysate)

Western blot analysis of extracts from Raw 264.7 cells, using DUS2L polyclonal antibody (Cat # PAB17461).
Peptide "+" means "with peptide blocking".




### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle using DUS2L polyclonal antibody (Cat # PAB17461).
Peptide "+" means "with peptide blocking".

## Specification

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| **Product Description** | Rabbit polyclonal antibody raised against synthetic peptide of DUS2L. |
| **Immunogen** | A synthetic peptide corresponding to C-terminus of human DUS2L. |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Specificity** | This antibody detects endogenous levels of total DUS2L protein. |
| **Form** | Liquid |

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| **Recommend Usage** | Western Blot (1:500-1:1000)<br>Immunohistochemistry (1:50-1:100)<br>ELISA (1:20000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — DUS2L

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|---|---|
| **Entrez GeneID** | 54920 |
| **Protein Accession#** | Q9NX74 |
| **Gene Name** | DUS2L |
| **Gene Alias** | DUS2, FLJ20399, SMM1, URLC8 |
| **Gene Description** | dihydrouridine synthase 2-like, SMM1 homolog (S. cerevisiae) |
| **Omim ID** | 609707 |
| **Gene Ontology** | Hyperlink |

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| **Gene Summary** | Dihydrouridine synthase catalyzes reduction of the 5,6-double bond of a uridine residue on the dis placement loop of tRNA. The resultant modified base, 5,6-dihydrouridine, appears to increase the conformational flexibility and dynamic motion of tRNA (Kato et al., 2005 [PubMed 15994936]).[su pplied by OMIM |
| **Other Designations** | dihydrouridine synthase 2-like, SMM1 homolog\|up-regulated in lung cancer 8 |