DUS2L rabbit pAb

Cat#: orb769559 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	DUS2L rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human DUS2L. AA range:421-470
Specificity	DUS2L Polyclonal Antibody detects endogenous levels of DUS2L protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	tRNA-dihydrouridine(20) synthase [NAD(P)+]-like
Gene Name	DUS2L
Cellular localization	Cytoplasm . Endoplasmic reticulum . Mainly at the endoplasmic reticulum. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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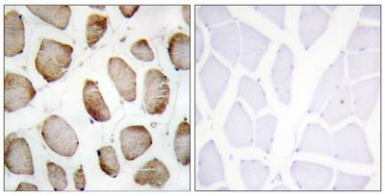
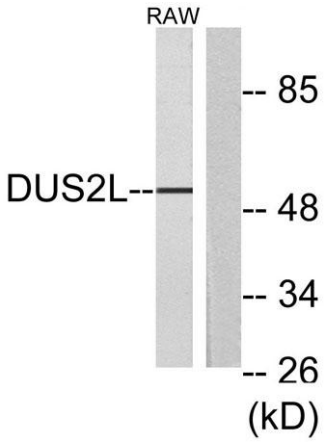
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	54920
Human Swiss-Prot Number	Q9NX74
Alternative Names	DUS2L; DUS2; tRNA-dihydrouridine(20) synthase [NAD(P)+]-like; Up-regulated in lung cancer protein 8; URLC8; tRNA-dihydrouridine synthase 2-like; hDUS2
Background	dihydrouridine synthase 2(DUS2) Homo sapiens 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. [provided by RefSeq, Nov 2012],



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



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

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