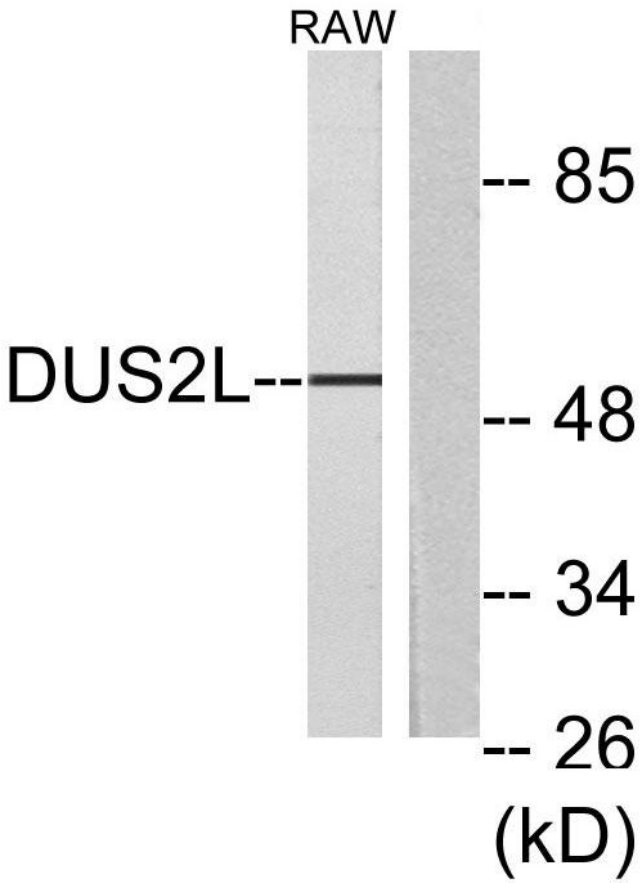
DUS2L Monoclonal Antibody

Catalog No	YP-mAb-02625
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	DUS2L
Protein Name	tRNA-dihydrouridine(20) synthase [NAD(P)+]-like
Immunogen	The antiserum was produced against synthesized peptide derived from human DUS2L. AA range:421-470
Specificity	DUS2L Monoclonal Antibody detects endogenous levels of DUS2L protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DUS2L; DUS2; tRNA-dihydrouridine(20) synthase [NAD(P)+]-like; Up-regulated in lung cancer protein 8; URLC8; tRNA-dihydrouridine synthase 2-like; hDUS2
Observed Band	55kD
Cell Pathway	Cytoplasm . Endoplasmic reticulum . Mainly at the endoplasmic reticulum. .
Tissue Specificity	Weak expression in heart, placenta and skeletal muscle. Up-regulated in most lung cancer cells (at protein level).
Function	cofactor:FAD.,function:Dihydrouridine synthase. Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs.,similarity:Belongs to the dus family. Dus2 subfamily.,similarity:Contains 1 DRBM (double-stranded RNA-binding) domain.,subcellular location:Mainly at the endoplasmic reticulum.,subunit:Interacts with EPRS.,tissue specificity:Weak expression in heart, placenta and skeletal muscle. Up-regulated in most lung cancer cells (at protein level).,
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],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using DUS2L Monoclonal Antibody