



Nop132 Monoclonal Antibody

Catalog No	YP-mAb-00464
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NOL8
Immunogen	The antiserum was produced against synthesized peptide derived from human NOL8. AA range:1118-1167
Specificity	Nop132 Monoclonal Antibody detects endogenous levels of Nop132 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	NOP132;NOL 8;C9orf34;NOL8;Nucleolar protein 8;Nucleolar protein Nop132
Observed Band	130kD
Calculated Molecular Weight	130kD
Cell Pathway	Nucleus, nucleolus . Localizes in the nucleolar-organizing region during ribosome biogenesis.
Tissue Specificity	Expressed in various diffuse-type gastric cancers. Detected at lower levels in skeletal muscle.
Function	function:Plays an essential role in the survival of diffuse-type gastric cancer cells. May be involved in regulation of gene expression at the post-transcriptional level or in ribosome biogenesis in cancer cells.,induction:Up-regulated in diffuse-type gastric cancers.,PTM:Phosphorylated.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Interacts with the GTP form of RRAGA, RRAGC and RRAGD. Interacts with NIP7.,tissue specificity:Expressed in various diffuse-type gastric cancers. Detected at lower levels in skeletal muscle.,



Background

NOL8 binds Ras-related GTP-binding proteins (see MIM 608267) and plays a role in cell growth (Sekiguchi et al., 2004 [PubMed 14660641]).[supplied by OMIM, Mar 2008],

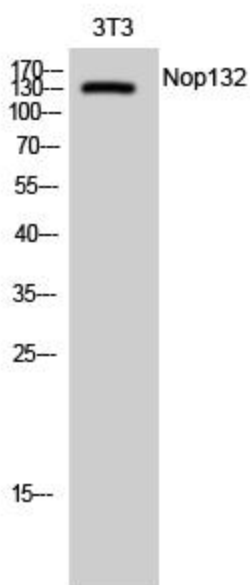
matters needing attention

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 Nop132 Monoclonal Antibody