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anti-GNL3L antibody

3 Images



Overview

Quantity:	100 μL
Target:	GNL3L
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNL3L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	GNL3L Antibody detects endogenous levels of total GNL3L
Cross-Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	GNL3L
Alternative Name:	GNL3L (GNL3L Products)
Background:	Description: Stabilizes TERF1 telomeric association by preventing TERF1 recruitment by PML.

Stabilizes TERF1 protein by preventing its ubiquitination and hence proteasomal degradation. Does so by interfering with TERF1-binding to FBXO4 E3 ubiquitin-protein ligase. Required for cell proliferation. By stabilizing TRF1 protein during mitosis, promotes metaphase-to-anaphase transition. Stabilizes MDM2 protein by preventing its ubiquitination, and hence proteasomal degradation. By acting on MDM2, may affect TP53 activity. Required for normal processing of ribosomal pre-rRNA. Binds GTP.

Gene: GNL3L

Molecular Weight: 66 kDa

Gene ID: 54552

UniProt: Q9NVN8

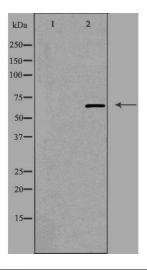
Application Details

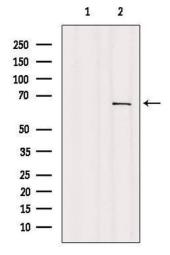
Application Notes: WB 1:500~1:1000, IF/ICC 1:100-1:500

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt
Expiry Date:	12 months





Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells using GNL3L antibody.,The lane on the left is treated with the antigen-specific peptide.

Immunofluorescence (fixed cells)

Image 2. ABIN6275181 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Western Blotting

Image 3. Western blot analysis of extracts from COS-7, using GNL3L Antibody. The lane on the left was treated with blocking peptide.