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Datasheet for ABIN5003730

## anti-GNL3L antibody (AA 210-310) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	GNL3L
Binding Specificity:	AA 210-310
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNL3L antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GNL3L
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	GNL3L
Alternative Name:	GNL3L ( <a href="#">GNL3L Products</a> )

## Target Details

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**Background:** Synonyms: GNL3L\_HUMAN, FLJ10613, Guanine nucleotide binding protein-like 3 nucleolar-like, novel GTPase, OTTHUMP00000023374.

Background: GTPases from the MMR1/HSR1 GTP-binding protein subfamily are circularly rearranged G-motifs that play a critical role in maintaining normal cell growth. Deletion of these genes results in severe growth defects with a marked reduction in mature rRNA species and a concomitant accumulation of the 35S pre-rRNA transcript. Deletion also causes the ribosomal protein Rpl25a to fail exportation from the nucleolus. Deletion of any of the G-domain motifs will result in a null phenotype and nuclear/nucleolar localization that lacks the nucleolar export of preribosomes and is accompanied by a distortion of the nucleolar structure. GNL3L (guanine nucleotide binding protein-like 3 (nucleolar)-like) is a 582 amino acid nuclear protein that belongs to the MMR1/HSR1 GTP-binding protein family. Containing one G (guanine nucleotide-binding) domain, GNL3L is required for normal processing of ribosomal pre-rRNA and for cell proliferation.

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**Gene ID:** 54552

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## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months

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