



Rabbit Anti-NOM1 antibody

SL19317R

Product Name:	NOM1
Chinese Name:	核仁结构域蛋白NOM1抗体
Alias:	C7orf3; FLJ16401; NOM1; NOM1_HUMAN; Nucleolar MIF4G domain-containing protein 1; SGD1; SGD1 homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	96kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NOM1:31-130/860
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Proteins that contain MIF4G (middle of eIF4G (MIM 600495)) and/or MA3 domains, such as NOM1, function in protein translation. These domains include binding sites for members of the EIF4A family of ATP-dependent DEAD box RNA helicases (see EIF4A1; MIM 602641) (Simmons et al., 2005 [PubMed 15715967]).[supplied by OMIM, Mar 2008]

Function:

Plays a role in targeting PPP1CA to the nucleolus.

Subcellular Location:

Nucleus > nucleolus.

Tissue Specificity:

Expressed in heart and skeletal muscle.

Similarity:

Belongs to the CWC22 family.

Contains 1 MI domain.

Contains 1 MIF4G domain.

SWISS:

Q5C9Z4

Gene ID:

64434

Database links:

[Entrez Gene: 64434](#) Human

[Omir: 611269](#) Human

[SwissProt: Q5C9Z4](#) Human

[Unigene: 15825](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.