10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NUPL2 Rabbit pAb

Catalog # AP97367

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O15504
Other Accession	O15504
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44872
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NUPL2
Epitope Specificity	1-100/423
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 C3H1-type zinc finger.
SUBUNIT	Probable component of the nuclear pore complex (NPC). Interacts with nuclear export protein NXF1. Interacts with GLE1. Able to form a heterotrimer with NUP155 and GLE1 in vitro. Interacts with the HIV-1 virus proteins Rev and Vpr. The interaction with HIV-1 Rev, a protein that mediates nuclear export of unspliced viral RNAs, suggests that its function may be bypassed by the HIV-1 virus.
Post-translational modifications	O-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NUPL2 is required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm. In case of infection by HIV-1, it may participate in the docking of viral Vpr at the nuclear envelope.

Additional Information

Gene ID	11097
Other Names	CG1; NLP-1; NLP1; NLP_1; NUPL2; UIP1; hCG1; RGD1560934; NUP42_HUMAN; NUP42; NUP42 homolog; Nucleoporin hCG1; Nucleoporin-42; Nucleoporin-like protein 2; NUP42_MOUSE; nucleoporin 42; nucleoporin like 2; nucleoporin-like protein 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	NUP42 (HGNC:17010)
Synonyms	CG1, NUPL2
Function	Required for the export of mRNAs containing poly(A) tails from the nucleus into the cytoplasm.
Cellular Location	Nucleus, nuclear pore complex. Nucleus membrane; Peripheral membrane protein; Cytoplasmic side. Note=Excluded from the nucleolus
Tissue Location	Ubiquitously expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.