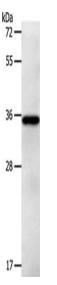
LPPR5 Antibody

PACO18810



Product Information	
Size:	Protein Background:
50ul	Functions in nuclear protein import as nuclear transport receptor. Serves as receptor for nuclear localization signals (NLS) in cargo substrates. Is thought to mediate docking of the importin/substrate complex to the nuclear pore complex (NPC) through binding to nucleoporin and the complex is subsequently translocated through the pore by an energy requiring, Ran-dependent mechanism. At the nucleoplasmic side of the NPC, Ran binds to the importin, the importin/substrate complex dissociates and importin is re-exported from the nucleus to the cytoplasm where GTP hydrolysis releases Ran. The directionality of nuclear import is thought to be conferred by an asymmetric distribution of the GTP- and GDP-bound forms of Ran between the cytoplasm and nucleus. Mediates the nuclear import of UBC9, the RBM8A/MAGOH complex, PAX6 and probably other members of the paired homeobox family. Also mediates nuclear export of eIF-1A, and the cytoplasmic release of eIF-1A is triggered by the loading of import substrates onto IPO13.
Reactivity:	
Human, Mouse	
Source:	
Rabbit	
lsotype:	
lgG	
Applications:	
ELISA, WB	
Recommended dilutions:	PLPPR5
ELISA:1:2000-1:10000, WB:1:1000-1:5000	Uniprot
	Q32ZL2
	Synonyms:
	Lipid phosphate phosphatase-related protein type 5
	Immunogen:
	Synthetic peptide of human LPPR5.
	Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane: Jurkat cells, Primary antibody: PACO18810(LPPR5 Antibody) at dilution 1/1200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.