Product name:	NRBP Rabbit Polyclonal Antibody
Cat number:	ABN14886
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from part region of human protein
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight:	58kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

Background:

caution:Author states that kinase activity observed in PubMed:11956649 may be due to sample contamination. This protein is predicted to be catalytically inactive.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:May play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases. Binding to the NS3 protein of dengue virus type 2 appears to subvert this activity into the alteration of the intracellular membrane structure associated with flaviviral replication.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Colocalizes with activated RAC3 to endomembranes and at the cell periphery in lamellipodia.,subunit:Homodimer. Binds to MLF1, recruiting a serine kinase which phosphorylates both itself and MLF1. Phosphorylated MLF1 binds to YWHAZ and is retained in the cytoplasm.,tissue specificity:Ubiquitously expressed in all tissues examined with high levels in the testis.,caution:Author states that kinase activity observed in PubMed:11956649 may be due to sample contamination. This protein is predicted to be catalytically inactive.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:May play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases. Binding to the NS3 protein of dengue virus type 2 appears to subvert this activity into the alteration of the intracellular membrane structure associated with flaviviral replication.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:Colocalizes with activated RAC3 to endomembranes and at the cell periphery in lamellipodia.,subunit:Homodimer. Binds to MLF1, recruiting a serine kinase which phosphorylates both itself and MLF1. Phosphorylated MLF1 binds to YWHAZ and is retained in the cytoplasm.,tissue specificity:Ubiquitously expressed in all tissues examined with high levels in the testis.,