

Anti-RIOK1 antibody



Description	Rabbit polyclonal to RIOK1.
Model	STJ95511
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human RIOK1.
Immunogen Region	Internal
Gene ID	83732
Gene Symbol	RIOK1
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	RIOK1 Polyclonal Antibody detects endogenous levels of RIOK1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein kinase RIO1 RIO kinase 1
Molecular Weight	65.583 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:18656OMIM:617753
Alternative Names	Serine/threonine-protein kinase RIO1 RIO kinase 1
Function	Involved in the final steps of cytoplasmic maturation of the 40S ribosomal subunit. Involved in processing of 18S-E pre-rRNA to the mature 18S rRNA. Required for the recycling of NOB1 and PNO1 from the late 40S precursor . The association with the very late 40S subunit intermediate may involve a translation-like checkpoint point cycle preceeding the binding to the 60S ribosomal subunit . Despite the protein kinase domain is proposed to act predominantly as an ATPase . The catalytic activity regulates its dynamic association with the 40S subunit .
Cellular Localization	Cytoplasm

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