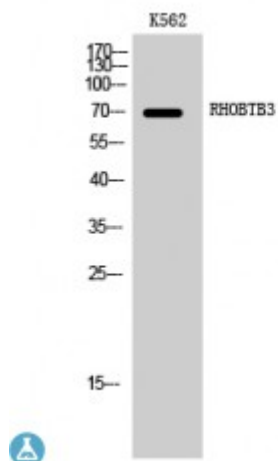


Anti-RHOBTB3 antibody



Description	Rabbit polyclonal to RHOBTB3.
Model	STJ95450
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, FC, IHC, WB
Immunogen	Synthesized peptide derived from human RHOBTB3
Immunogen Region	310-390 aa, Internal
Gene ID	22836
Gene Symbol	RHOBTB3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ICC 1:200-1:1000ELISA 1:40000
Specificity	RHOBTB3 Polyclonal Antibody detects endogenous levels of RHOBTB3 protein.
Tissue Specificity	Ubiquitous. Highly expressed in neural and cardiac tissues, pancreas, placenta and testis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Rho-related BTB domain-containing protein 3
Molecular Weight	70 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:18757OMIM:607353
Alternative Names	Rho-related BTB domain-containing protein 3
Function	Rab9-regulated ATPase required for endosome to Golgi transport. Involved in transport vesicle docking at the Golgi complex, possibly by participating in release M6PRBP1/TIP47 from vesicles to permit their efficient docking and fusion at the Golgi. Specifically binds Rab9, but not other Rab proteins. Has low intrinsic ATPase activity due to autoinhibition, which is relieved by Rab9.
Sequence and Domain Family	Although predicted to be a GTP-binding protein because of the presence of a Rho-like region, binds and hydrolyzes ATP. In contrast to Rho-like proteins, the conserved Asp residue in position 138 in the G4 region is replaced by an Asn, decreasing the ability to bind GTP.
Cellular Localization	Golgi apparatus

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