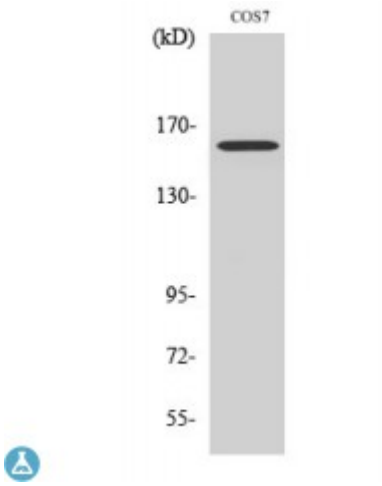
Anti-Rab 3 GAP p150 antibody



Description	Rabbit polyclonal to Rab 3 GAP p150.

Model	STJ95292
Host	Rabbit
Reactivity	Human, Mouse, Rat, Simian
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Rab 3 GAP p150
Immunogen Region	390-470 aa, Internal
Gene ID	25782
Gene Symbol	RAB3GAP2
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
Specificity	Rab 3 GAP p150 Polyclonal Antibody detects endogenous levels of Rab 3 GAP p150 protein.
Tissue Specificity	Ubiquitous.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Rab3 GTPase-activating protein non-catalytic subunit RGAP-iso Rab3 GTPase-activating protein 150 kDa subunit Rab3-GAP p150 Rab3-GAP150 Rab3-GAP regulatory subunit
Molecular Weight	156 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:17168OMIM:212720
Alternative Names	Rab3 GTPase-activating protein non-catalytic subunit RGAP-iso Rab3 GTPase-activating protein 150 kDa subunit Rab3-GAP p150 Rab3-GAP150 Rab3-GAP regulatory subunit
Function	Regulatory subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Rab3 GTPase-activating complex specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters.
Cellular Localization	Cytoplasm. In neurons, it is enriched in the synaptic soluble fraction.