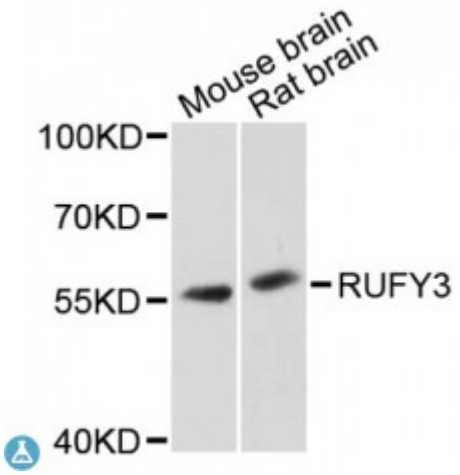
Anti-RUFY3 Antibody



Description	This gene encodes a RPIP8, UNC-14, and NESCA domain-containing protein that is required for maintenance of neuronal polarity. In addition, it has been implicated in mediation of gastric cancer cell migration and invasion via interaction with P21-activated kinase-1, which promotes its expression. The encoded protein localizes to F-actin-enriched invadopodia to induce formation of protrusions, thereby facilitating cell migration. Alternative splicing results in multiple transcript variants.

Model	STJ114762
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-65 of human RUFY3 (NP_055776.1).
Gene ID	22902
Gene Symbol	RUFY3
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Overexpressed in gastric cancer cells and tissues (at protein level)
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Protein RUFY3 RUN and FYVE domain-containing protein 3 Rap2-interacting protein x RIPx Single axon-regulated protein Singar

Molecular Weight	52.965 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:30285OMIM:611194
Alternative Names	Protein RUFY3 RUN and FYVE domain-containing protein 3 Rap2-interacting protein x RIPx Single axon-regulated protein Singar
Function	Plays a role in the generation of neuronal polarity formation and axon growth , Implicated in the formation of a single axon by developing neurons , May inhibit the formation of additional axons by inhibition of PI3K in minor neuronal processes , Plays a role in the formation of F-actin-enriched protrusive structures at the cell periphery ,
Cellular Localization	Cytoplasm,
Post-translational Modifications	Phosphorylated by PAK1 ,