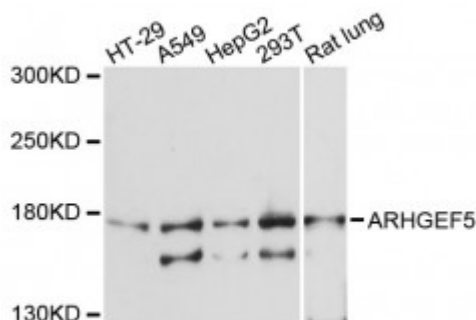


Anti-ARHGEF5 Antibody



Description

Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization.

Model	STJ116235
Host	Rabbit
Reactivity	Human, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1248-1597 of human ARHGEF5 (NP_005426.2).
Gene ID	7984
Gene Symbol	ARHGEF5
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitously expressed with highest levels in placenta, High levels are also found in colon, kidney, trachea, prostate, liver, pancreas, pituitary gland, thyroid gland and mammary gland, In fetal tissues, expressed at high levels in kidney, lung and liver
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Rho guanine nucleotide exchange factor 5 Ephexin-3 Guanine nucleotide regulatory protein TIM Oncogene TIM Transforming immortalized mammary

	oncogene p60 TIM
Molecular Weight	176.799 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:13209OMIM:600888Reactome:R-HSA-193648
Alternative Names	Rho guanine nucleotide exchange factor 5 Ephexin-3 Guanine nucleotide regulatory protein TIM Oncogene TIM Transforming immortalized mammary oncogene p60 TIM
Function	Guanine nucleotide exchange factor which activates Rho GTPases ,
Cellular Localization	Cytoplasm
Post-translational Modifications	Activation of SRC induces tyrosine phosphorylation of ARHGEF5,

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