

Product datasheet for **TA332591**

RACGAP1 Rabbit Polyclonal Antibody

Product data:

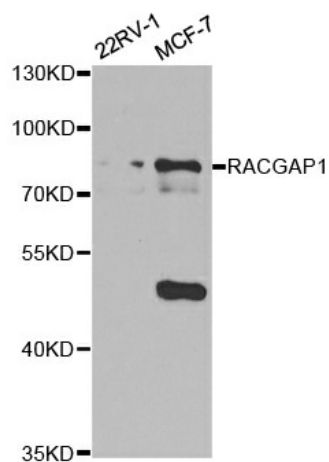
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50 - 1:200
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human RACGAP1
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	71 kDa
Gene Name:	Rac GTPase activating protein 1
Database Link:	NP_037409 Entrez Gene 26934 Mouse Entrez Gene 315298 Rat Entrez Gene 29127 Human Q9H0H5
Background:	The protein encoded by this gene belongs to the GTPase-activating protein (GAP) family. GAPs bind activated forms of Rho GTPases and stimulate GTP hydrolysis. Through this catalytic function, GAPs negatively regulate Rho-mediated signals. This protein plays a regulatory role in initiation of cytokinesis, controlling cell growth and differentiation of hematopoietic cells, regulating spermatogenesis, and in neuronal proliferation. Alternatively spliced transcript variants have been found for this gene.
Synonyms:	CYK4; HsCYK-4; ID-GAP; MgcRacGAP



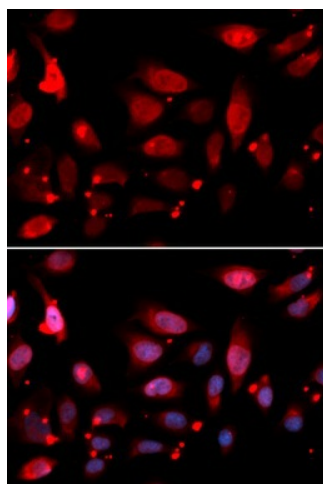
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Protein Families: Druggable Genome

Product images:



Western blot analysis of extracts of various cell lines, using RACGAP1 antibody.



Immunofluorescence analysis of U2OS cell using RACGAP1 antibody. Blue: DAPI for nuclear staining.