

For Research Use Only

RAC1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88471-1-PBS



Basic Information

Catalog Number: 88471-1-PBS	GenBank Accession Number: BC004247	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 5879	CloneNo.: 260819A6
Isotype: IgG	UNIPROT ID: P63000	
Immunogen Catalog Number: AG0751	Full Name: ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	
	Calculated MW: 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

RAC1b, also named as TC25, belongs to the small GTPase superfamily and Rho family. RAC1 is a plasma membrane-associated small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, it binds to a variety of effector proteins to regulate cellular responses such as secretory processes, phagocytosis of apoptotic cells, epithelial cell polarization and growth-factor induced formation of membrane ruffles.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

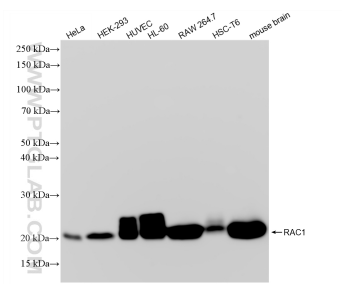
T: 4006900926

E: Proteintech-CN@ptglab.com

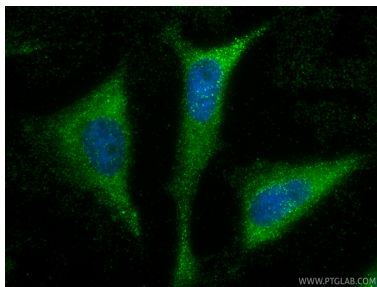
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88471-1-RR (RAC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88471-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using RAC1 antibody (88471-1-RR, Clone: 260819A6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 88471-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 88471-1-RR (RAC1 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 88471-1-PBS in a different storage buffer formulation.