

Anti-RAC1 Rabbit pAb



WL02851

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-RAC1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background Rac1b, Also known as TC25, it belongs to the small GTPase superfamily and Rho family. Rac1 is a small GTPase associated with the plasma membrane, cycling between active GTP binding and inactive GDP binding states. In its active state, it binds to various effector proteins to regulate cellular responses, such as secretion processes, phagocytosis of apoptotic cells, epithelial cell polarization, and the formation of membrane loaded formulas induced by growth factors. Rac1 P21/Rho GDI heterodimer is the active component of cytoplasmic factor Sigma 1, which participates in the stimulation of NADPH oxidase activity in macrophages (through similarity).

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of RAC1.

Purification Polyclonal antibody was purified by Protein A affinity chromatography.

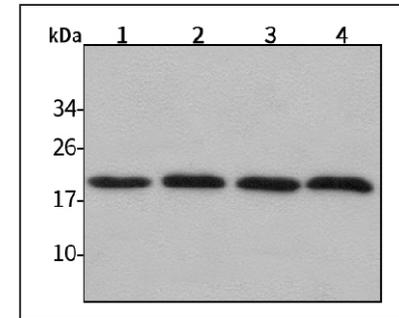
Anti-RAC1 Rabbit pAb



WL02851

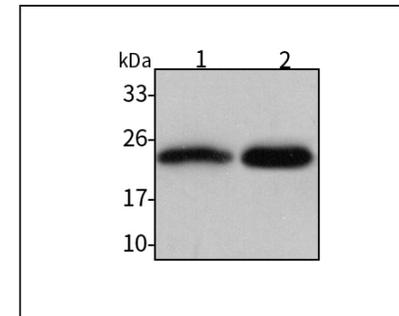
For Research Use Only. Not For Use In Diagnostic Procedures

Product Images



Western blot-Anti-RAC1 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-RAC1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 21 kDa
 Observed band size: 21 kDa



Western blot-Anti-RAC1 pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Rat stomach tissue lysate
 All lanes: Anti-RAC1 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 21 kDa
 Observed band size: 21 kDa