

## RAC2 Polyclonal Antibody

Catalog number: 10735-1-AP

Size: 34 µg/150 µl

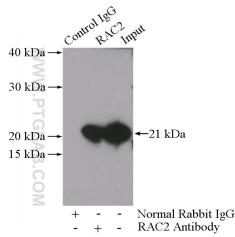
Source: Rabbit

Isotype: IgG

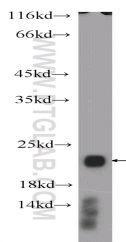
Synonyms:

RAC2; EN 7, Gx, HSPC022, p21

Rac2, RAC2, Small G protein



IP Result of anti-RAC2 (IP:10735-1-AP, 3µg; Detection:10735-1-AP 1:300) with HL-60 cells lysate 4000µg.



HL-60 cells were subjected to SDS PAGE followed by western blot with 10735-1-AP( RAC2 Antibody) at dilution of 1:600

### Background

RAC2, also named as GX, belongs to the small GTPase superfamily and Rho family. RAC2 is a plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. RAC2 augments the production of reactive oxygen species (ROS) by NADPH oxidase. Defects in RAC2 are the cause of neutrophil immunodeficiency syndrome.

### Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated RAC2 MW:	21 kDa
Observed RAC2 MW:	21 kDa
Positive WB detected in	HL-60 cells
Positive IP detected in	HL-60 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1202
GenBank accession number:	BC001485
Gene ID (NCBI):	5880
Full name:	Ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.