

## Rac1

**Catalog Number:** 21003

**Gene Symbol:** RAC1

**Description:** Anti-Rac1 Rabbit Polyclonal Antibody

**Background:** Small GTPases are a super-family of cellular signaling regulators. Rac belongs to the Rho sub-family of GTPases that regulate cell motility, cell division, and gene transcription. GTP binding increases the activity of Rac, and the hydrolysis of GTP to GDP renders it inactive. GTP hydrolysis is aided by GTPase activating proteins (GAPs), while exchange of GDP for GTP is facilitated by guanine nucleotide exchange factors (GEFs).

**Immunogen:** A synthetic peptide from a unique region of Rac1

**Tested applications:** ELISA, WB, IHC

**Recommended dilutions:**

ELISA 1:100-1:5000

WB 1:100-1:2000

**Concentration:** 1 mg/ml

**Host:** Rabbit

**Clonality:** Polyclonal

**Purity:** Purified from serum

**Format:** Liquid

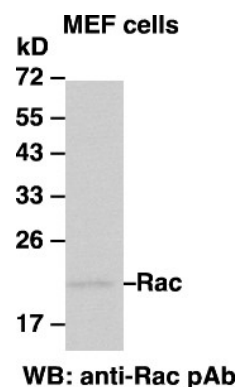
**Preservative:** No

**Constituents:** PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Rac1 antibody recognizes Rac1 from vertebrates.

**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid freeze / thaw cycles

### Western blot:



### Western blot analysis of Rac1 proteins.

MEF whole-cell lysate was used for western blots with the polyclonal anti-Rac1 antibody (cat # 21003).

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS