

RAP1B PAB**Rap1B Polyclonal Antibody****Cat. #:** 21156**Gene Symbol:** RAP1B**Description:** Anti-Rap1B Rabbit Polyclonal Antibody

Background: Small GTPases are a super-family of cellular signaling regulators. Rap family members (Rap1A, Rap1B, Rap2A, Rap2B, and Rap2C) are Ras-like GTPases that regulate cell proliferation, differentiation, apoptosis and adhesion mechanisms. Rap1 (Ras-proximate-1) regulates apoptosis through interaction with two MAP3K effectors of the MEK/ERK MAP-kinase pathway, Raf-1 and B-Raf. Rap1 regulates cell adhesion mechanisms through effector molecules such as the integrins and cadherins.

Immunogen: Purified His-tagged Rap1B protein.**Applications:** ELISA, WB, IHC, IP**Recommended Dilutions:**

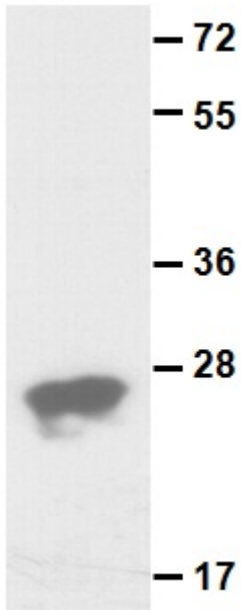
ELISA: 1:100–1:5000

WB: 1:100–1:1000

IHC: 1:100–1:1000

Concentration: 0.2 mg/ml**Host Species:** Rabbit**Format:** Liquid**Clonality:** Polyclonal**Isotype:** IgG**Purity:** Purified from serum**Preservative:** No**Constituents:** PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Anti-Rap1B antibody recognizes Rap1B proteins from vertebrates.**Storage Conditions:** Store at $-20^{\circ}C$. Avoid repeated freezing and thawing

Immunoprecipitation/Western blot:



Purified His-tagged Rap1B protein (Cat. #10120) was used for western blot with the polyclonal anti Rap1B antibody (Cat. # 21156).