# 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°C. Avoid repeated freezing and thawing

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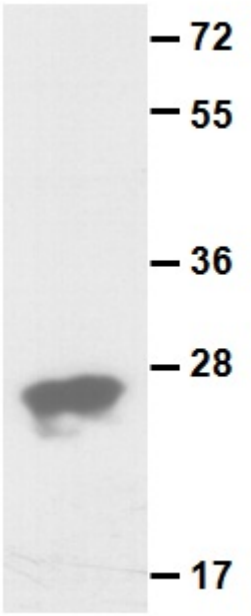
**Immunoprecipitation/Western blot:**




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

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