

**BRAF PAB****BRaf Polyclonal Antibody****Cat. #:** 21271**Gene Symbol:** B-RAF, B-RAF1, RAFB1**Description:** Anti-BRaf Rabbit Polyclonal Antibody

**Background:** B-Raf is a member of the Raf family of Ser/Thr protein kinases. It functions downstream of Ras to regulate the MAP kinase signaling pathway. Mutations in the B-RAF gene cause diseases. Inherited mutations in B-RAF cause cardiofaciocutaneous syndrome. Acquired mutations in B-RAF have been found in cancers.

**Immunogen:** Purified B-Raf protein, human origin.**Applications:** ELISA, WB, IHC**Recommended Dilutions:**

ELISA: 1:1000–1:5000

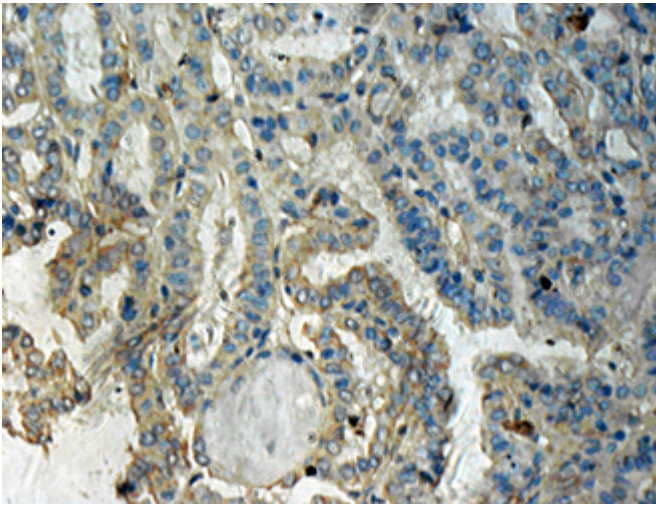
WB: 1:100–1:1000

IHC: 1:50–1:200

**Concentration:** 0.1mg/ml**Host Species:** Rabbit**Format:** Liquid**Clonality:** Polyclonal**Isotype:****Purity:** Purified from serum**Preservative:** No

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

**Species Reactivity:** Recognizes B-Raf of vertebrates.**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid repeated freezing and thawing**Immunohistochemistry:**



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue with anti- B-Raf polyclonal antibody (Cat. #21271). Tissue samples were fixed with formaldehyde and blocked with 1% serum for 15 min at 37 °C. Antigen retrieval was by heat mediation in citrate buffer (pH6). Samples were then incubated with primary antibody (1:50 dilution) overnight at 4°C. A HRP-conjugated Goat anti-mouse IgG (1:50 dilution) was used as secondary antibody.