

04/19

# Anti-APIP Antibody

**CATALOG NO.:** A1766-100 100 µl.

**BACKGROUND DESCRIPTION:** APIP is an APAF1 (MIM 602233)-interacting protein that acts as a negative regulator of ischemic/hypoxic injury. The protein highly expressed in skeletal muscle and heart and binds to the CARD of Apaf-1 in competition with caspase-9. Exogenous APIP inhibits cytochrome c-induced activation of caspase-3 and caspase-9, and suppresses cell death triggered by mitochondrial apoptotic stimuli through inhibiting the downstream activity of cytochrome c released from mitochondria.

**ALTERNATE NAMES:** Apaf1 Interacting Protein, APIP2, CG129, Monocyte/macrophage protein 19, MTNB, dJ179L10.2.

**ANTIBODY TYPE:** Polyclonal

**CONCENTRATION:** 0.2 mg/ml

**HOST/ISOTYPE:** Rabbit / IgG.

**IMMUNOGEN:** Recombinant protein of human APIP.

**MOLECULAR WEIGHT:** 27 kDa.

**PURIFICATION:** Affinity purification.

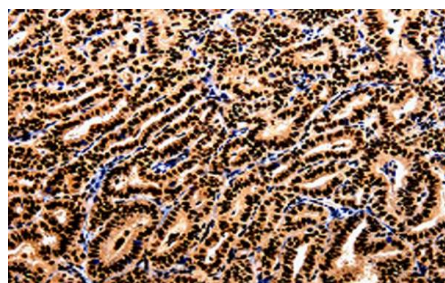
**FORM:** Liquid.

**FORMULATION:** PBS with 0.05% sodium azide, 50% glycerol, PH7.3

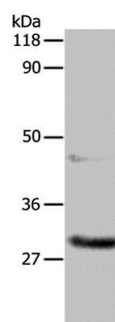
**SPECIES REACTIVITY:** Mouse.  
Human.

**STORAGE CONDITIONS:** Store at -20°C. Avoid freeze / thaw cycles.

**APPLICATIONS AND USAGE:** WB 1:200-1:1000, IHC 1:25-1:100.



IHC staining of paraffin-embedded Human thyroid cancer using Anti-APIP Antibody.



Western Blot analysis of Mouse heart tissue using Anti-APIP Antibody.

**RELATED PRODUCTS:**

- Apaf-1 Antibody (3018).
- Caspase-9 Antibody (3016).

**FOR RESEARCH USE ONLY! Not to be used on humans.**