

APAF1 RABBIT PAB

Cat.#: S219636

Product Name: Anti-APAF1 Rabbit Polyclonal Antibody

Synonyms: CED4, APAF-1

UNIPROT ID: O14727 (Gene Accession - NP_863659)

Background: This gene encodes a cytoplasmic protein that initiates apoptosis. This protein contains several copies of the WD-40 domain, a caspase recruitment domain (CARD), and an ATPase domain (NB-ARC). Upon binding cytochrome c and dATP, this protein forms an oligomeric apoptosome. The apoptosome binds and cleaves caspase 9 preproprotein, releasing its mature, activated form. Activated caspase 9 stimulates the subsequent caspase cascade that commits the cell to apoptosis. Alternative splicing results in several transcript variants encoding different isoforms.

Immunogen: Synthetic peptide of human APAF1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

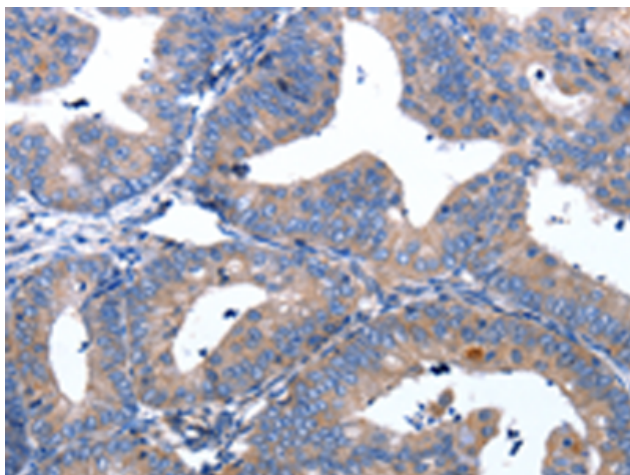
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

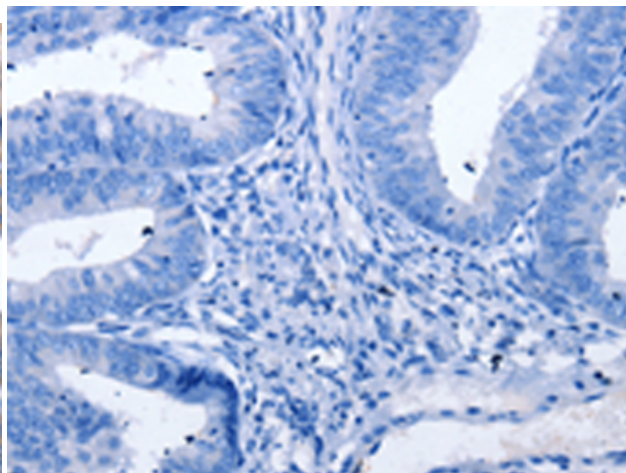
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Metabolism

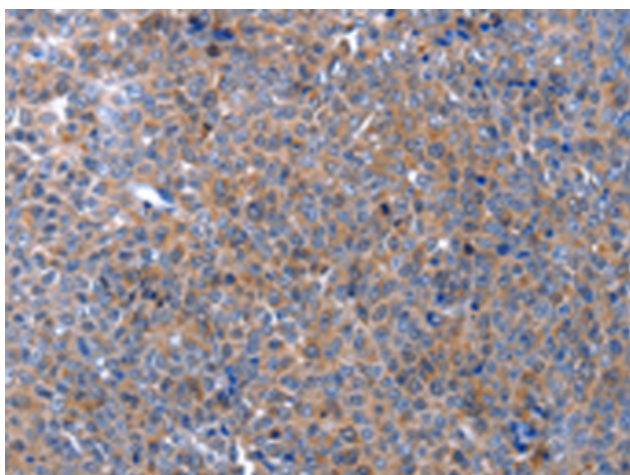
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



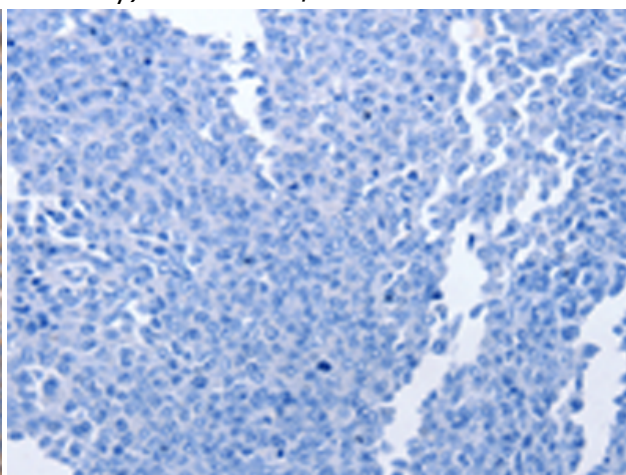
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 219636 (APAF1 Antibody) at a dilution of 1/25 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 219636 (Anti-APAF1 Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 219636 (Anti-APAF1 Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D260053 (Anti-APAF1 Antibody) at dilution 1/25.