Cytochrome c (H19) polyclonal antibody

Catalog: BCP00621 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Cytochrome C is an electron transporting protein that resides within the intermembrane space of the mitochondria, where it plays a critical role in the process of oxidative phosphorylation and production of cellular ATP. An increasing amount of interest has been directed toward the role which cytocrome C has been demonstrated to play in apoptotic processes. Following exposure to apoptotic stimuli, cytochrome C is rapidly released from the mitochondria into the cytosol, an event which may be required for the completion of apoptosis in some systems. Cytosolic cytochrome C functions in the activation of caspase 3, an ICE family molecule that is a key effector of apoptosis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 15 kDa

Swiss-Prot:

P99999

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

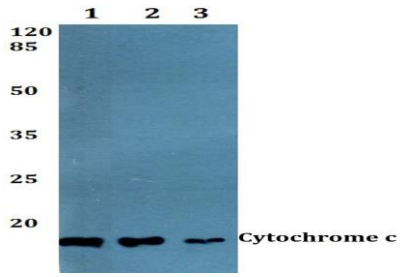
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Cytochrome c (H19) polyclonal antibody detects endogenous levels of Cytochrome c protein.

DATA:



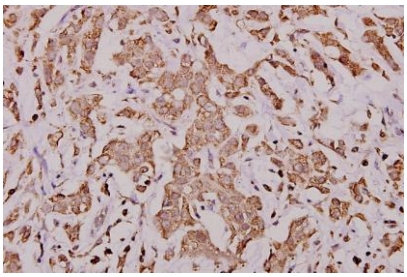
Western blot (WB) analysis of Cytochrome c (H19) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:Hela whole cell lysate(40ug)

Lane3:RAW264.7 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Cytochrome c (H19) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

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