

## Cytochrome c (H19) polyclonal antibody

Catalog: BS1089

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 cytochrome 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

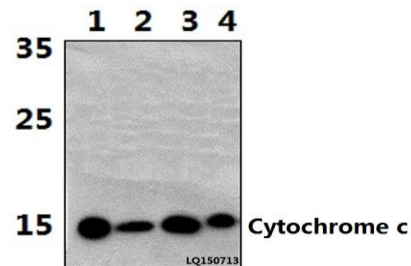
### Storage&Stability:

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

### Specificity:

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

### DATA:



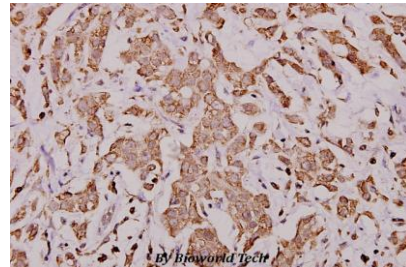
Western blot (WB) analysis of Cytochrome c (H19) polyclonal antibody at 1:500 dilution

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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