

## CYCS

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:**12kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CYCS

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

CYCS;CYC;HCS;THC4 ;

**Catalog #:**A0225

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**54205

**Isotype:**IgG

**Swiss Prot:**P99999

**Purity:**Affinity purification

For research use only.

**Background:**

Cytochrome c is a well conserved electron-transport protein and is part of the respiratory chain localized to mitochondrial intermembrane space (1). Upon apoptotic stimulation, cytochrome c released from mitochondria associates with procaspase-9 (47 kDa)/Apaf 1. This complex processes caspase-9 from inactive proenzyme to its active form (2). This event further triggers caspase-3 activation and eventually leads to apoptosis (3).

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