

## APAF1 Rabbit monoclonal antibody

Catalog: BS40093

Host: Rabbit

Reactivity: Human Mouse

### BackGround:

APAF Oligomeric Apaf-1 mediates the cytochrome c-dependent autocatalytic activation of pro-caspase-9 (Apaf-3), leading to the activation of caspase-3 and apoptosis. This activation requires ATP. Isoform 6 is less effective in inducing apoptosis. Induced by E2F and p53 in apoptotic neurons. Monomer. Oligomerizes upon binding of cytochrome c and dATP. Oligomeric Apaf-1 and pro-caspase-9 bind to each other via their respective NH2-terminal CARD domains and consecutively mature caspase-9 is released from the complex. Pro-caspase-3 is recruited into the Apaf-1-pro-caspase-9 complex via interaction with pro-caspase-9. Interacts with APIP. 6 isoforms of the human protein are produced by alternative splicing.

### Product:

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

### Molecular Weight:

~ 130 kDa

### Swiss-Prot:

O14727

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

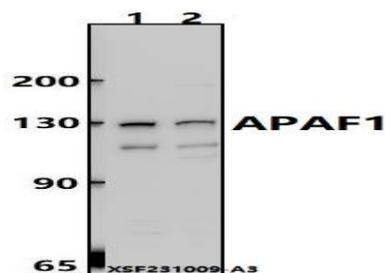
### Storage&Stability:

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

### Specificity:

APAF1 Antibody detects endogenous levels of total APAF1

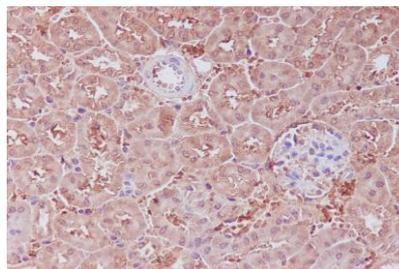
### DATA:



Western blot (WB) analysis of APAF1 Rabbit monoclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(30ug)

Lane2:HepG2 whole cell lysate(30ug)



Immunohistochemical analysis of paraffin-embedded mouse kidney, using APAF1 Antibody .

### Note:

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

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