## **Caspase-9 Rabbit Polyclonal Antibody**



## **CAB2636**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

36kDa/46kDa

**Calculated MW:** 

17kDa/30kDa/36kDa/46kDa

**Applications:** 

WB IHC IF

Reactivity:

Human, Mouse, Rat

**Protein Background** 

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

842

Uniprot

P55211

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Source:

Rabbit

**Synonyms:** 

CASP9; APAF-3; APAF3; ICE-LAP6; MCH6; PPP1R56; caspase-9;

casp9; Caspase 9

Immunogen:

Recombinant protein of human Caspase-9

Isotype: Storage:

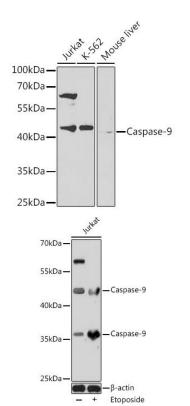
IgG Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

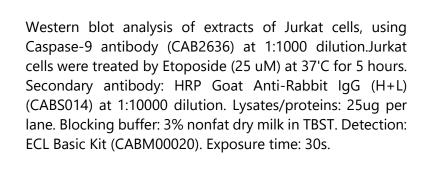
**Purification:** 

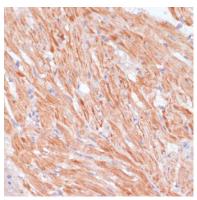
Affinity purification

## **Product Images**

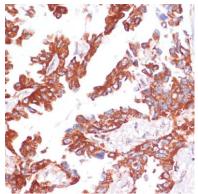


Western blot analysis of extracts of various cell lines, using Caspase-9 antibody (CAB2636) at 1:300 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.





Immunohistochemistry of paraffin-embedded rat heart using Caspase-9 antibody (CAB2636) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using Caspase-9 antibody (CAB2636) at dilution of 1:100 (40x lens).