

For Research Use Only

# Caspase 9/p35/p10 Polyclonal antibody



Catalog Number: 23821-1-AP

1 Publications

## Basic Information

<b>Catalog Number:</b> 23821-1-AP	<b>GenBank Accession Number:</b> BC002452	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 487 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 842	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> caspase 9, apoptosis-related cysteine peptidase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 46 kDa	
<b>Immunogen Catalog Number:</b> AG20813	<b>Observed MW:</b> 46 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, IHC : human pancreas tissue, human heart tissue IF : HUVEC cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Caspase 9, apoptosis-related cysteine protease (CASP9, synonyms: MCH6, APAF3, APAF-3, ICE-LAP6, CASPASE-9c) is 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 2 subunits, large and small, that dimerize to form the active enzyme. CASP9 is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade

## Notable Publications

Author	Pubmed ID	Journal	Application
Chao Fu	25655087	J Cell Physiol	WB

## Storage

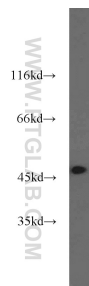
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

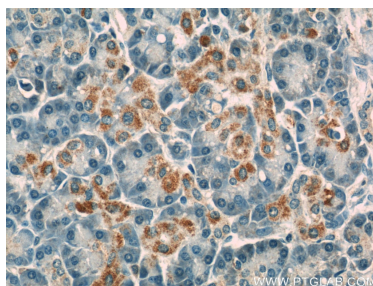
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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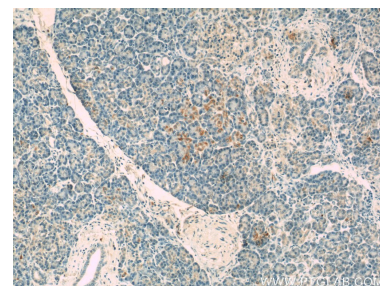
## Selected Validation Data



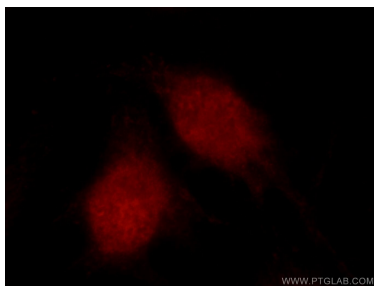
HeLa cells were subjected to SDS PAGE followed by western blot with 23821-1-AP (CASP9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas slide using 23821-1-AP (CASP9 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human pancreas slide using 23821-1-AP (CASP9 Antibody) at dilution of 1:50.



Immunofluorescent analysis of HUVEC cells using 23821-1-AP (Caspase 9/p35/p10 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.