

For Research Use Only

Caspase 9/p35/p10 Polyclonal antibody



Catalog Number: 23821-1-AP

1 Publications

Basic Information

Catalog Number:

23821-1-AP

Size:

490 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20813

GenBank Accession Number:

BC002452

GeneID (NCBI):

842

UNIPROT ID:

P55211

Full Name:

caspase 9, apoptosis-related cysteine peptidase

Calculated MW:

46 kDa

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

mouse

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

Positive Controls:

WB : HeLa cells,

IHC : human pancreas tissue, human heart tissue

IF/ICC : HUVEC cells,

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

For technical support and original validation data for this product please contact:

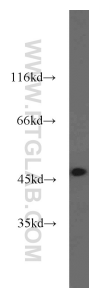
T: 4006900926

E: Proteintech-CN@ptglab.com

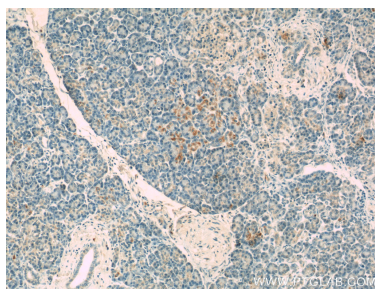
W: ptgcn.com

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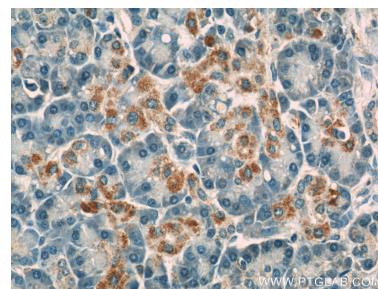
Selected Validation Data



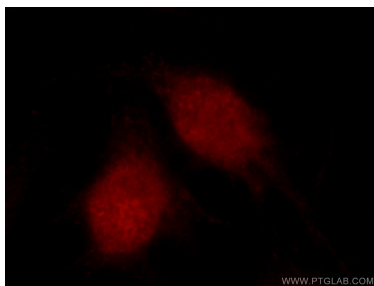
HeLa cells were subjected to SDS PAGE followed by western blot with 23821-1-AP (CASP9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.