

Caspase 9/p35/p10 Polyclonal Antibody

Catalog number: 10380-1-AP

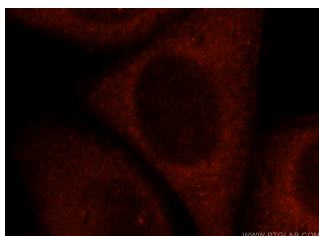
Size: 32 µg/150 µl

Source: Rabbit

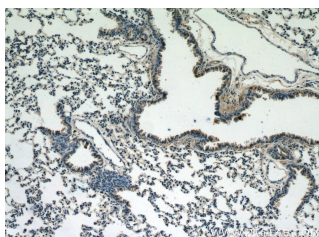
Isotype: IgG

Synonyms:

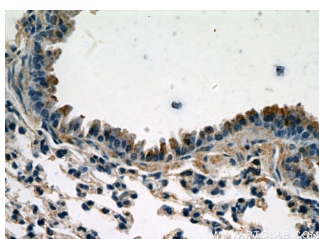
CASP9; APAF 3, APAF3,
Apoptotic protease Mch 6,
CASP 9, CASP9, Caspase 9,
CASPASE 9c, Caspase9,
Caspase-9, ICE LAP6, ICE like
apoptotic protease 6, MCH6



Immunofluorescent analysis of HepG2 cells, using CASP9 antibody 10380-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded mouse lung using 10380-1-AP (CASP9 antibody) at dilution of 1:25 (under 10x lens)



Immunohistochemical of paraffin-embedded mouse lung using 10380-1-AP (CASP9 antibody) at dilution of 1:25 (under 40x lens)

Background

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. Caspase 9 is processed by APAF1; this step is thought to be one of the earliest in the caspase activation cascade.

Applications

Tested applications:	ELISA, IF, IHC, IP, WB, FC
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse, rat
Calculated Caspase 9/p35/p10 MW:	46 kDa
Observed Caspase 9/p35/p10 MW:	46 kDa
Positive WB detected in:	HeLa cells, HL-60 cells, Jurkat cells
Positive IP detected in:	HeLa cells
Positive IHC detected in:	Mouse lung tissue, human heart tissue
Positive IF detected in:	HepG2 cells
Positive FC detected in:	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000 IHC: 1:10-1:100 IF: 1:10-1:100 FC: N/A

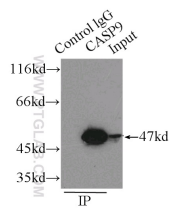
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0404
GenBank accession number:	BC002452
Gene ID (NCBI):	842
Full name:	Caspase 9, apoptosis-related cysteine peptidase

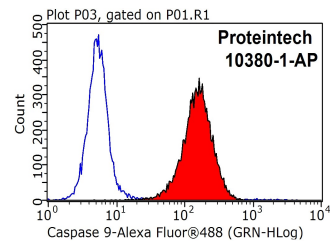
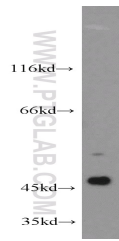
Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-CASP9
(IP:10380-1-AP, 3ug;
Detection:10380-1-AP 1:200)
with HeLa cells lysate 2500ug.

HeLa cells were subjected to
SDS PAGE followed by
western blot with 10380-1-
AP(CASP9 antibody) at
dilution of 1:1000



1X10⁶ HepG2 cells were
stained with 0.2ug Caspase 9
antibody (10380-1-AP, red)
and control antibody (blue).
Fixed with 90% MeOH
blocked with 3% BSA (30
min). Alexa Fluor 488-
conjugated AffiniPure Goat
Anti-Rabbit IgG(H+L) with
dilution 1:1000.