

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Phospho-Caspase 9 (Ser196)



Numéro de catalogue: 28794-1-AP

1 Publications

## Informations de base

Numéro de catalogue:

28794-1-AP

Taille:

100ul , Concentration: 350 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC002452

Identification du gène (NCBI):

842

Nom complet:

caspase 9, apoptosis-related cysteine peptidase

MW calculé

46 kDa

MW observés:

36 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HEK-293T traitées à la calyculine A,

## Informations générales

Caspase 9 also name as MCH6, APAF3, APAF-3, ICE-LAP6 and CASPASE-9c, is a member of the cysteine-aspartic acid protease (caspase) family. It's synthesized as a 46 kDa precursor protein which can be cleaved into a 35 kDa subunit and a 11 kDa subunit. Control of all caspases is tightly regulated by a series of phosphorylation events enacted by several different kinases. Caspase-9 is the most heavily phosphorylated of all caspases, with phosphorylation of at least 11 distinct residues in all three caspase-9 domains by nine kinases. It plays a central role in the mitochondrial or intrinsic apoptotic pathway that is engaged in response to many apoptotic stimuli. Once activated, caspase-9 cleaves and activates the effector caspases 3 and 7 to bring about apoptosis. It's reported that there is an increase in caspase 9 expression and activity in the hypoxic brain. Inhibition of Caspase 9 activity would render opportunity to treat neurological diseases such as stroke, neurodegenerative diseases or brain injury caused by hypoxia. (PMID: 19788417, PMID: 10529400, PMID: 9812896, PMID: 18840507, PMID: 29066624)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Bing-Xin Chu	34804044	Front Immunol	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

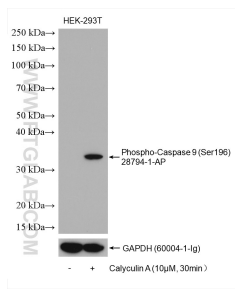
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## Données de validation sélectionnées



Non-treated HEK-293T and calyculin A treated HEK-293T cells were subjected to SDS PAGE followed by western blot with 28794-1-AP (Phospho-Caspase 9 (Ser196) antibody) at dilution of 1:2000 incubated at 4°C overnight. The membrane was stripped and re-blotting with GAPDH antibody as loading control.