À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-Caspase 9 (Thr125)

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:28793-1-AP

Informations de base

Numéro de catalogue:
28793-1-AP

Taille:
100ul , Concentration: 900 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:
40 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:8000

Applications

Applications testées:
WB, ELISA

Spécificité de l'espèce:
Humain

Contrôles positifs:

WB : cellules Jurkat traitées à la λ phosphatase,

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)

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.**

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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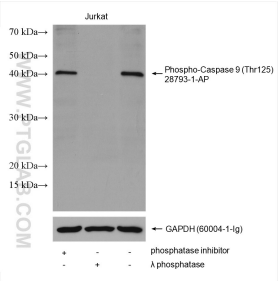
Données de validation sélectionnées



Non-treated Jurkat, phosphatase inhibitor treated and λ phosphatase treated Jurkat cells were subjected to SDS PAGE followed by western blot with 28793-1-AP (Phospho-Caspase 9 (Thr125) antibody) at dilution of 1:4000 incubated at room temperature for 1 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.