

For Research Use Only

Cleaved Caspase 2/P12 Recombinant monoclonal antibody

Catalog Number: 88209-2-RR



Basic Information

Catalog Number:

88209-2-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002427

GeneID (NCBI):

835

UNIPROT ID:

P42575

Full Name:

caspase 2, apoptosis-related cysteine peptidase

Calculated MW:

452 aa, 51 kDa

Observed MW:

12 kDa

Purification Method:

Protein A purification

CloneNo.:

253365E6

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Staurosporine treated Jurkat cells,

Background Information

CASP2(Caspase-2) is also named as ICH1, NEDD2 and belongs to the peptidase C14A family. It is involved in the activation cascade of caspases responsible for apoptosis execution and might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival. Caspase 2 is synthesized in its inactive prozymogen form and is activated upon stimulation by apoptosis signals. During activation, the prozymogen is cleaved at a specific site, producing a smaller p12 subunit and a larger p18 subunit. The p12-p18 tetramer structure is the core form in which Caspase 2 functions.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

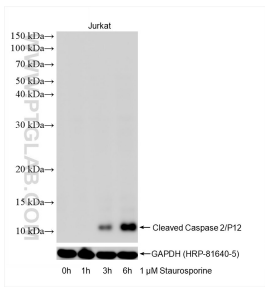
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88209-2-RR (Cleaved Caspase 2/P12 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.