

For Research Use Only

Cleaved Caspase 2/P12 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88209-2-PBS



Basic Information

Catalog Number:

88209-2-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

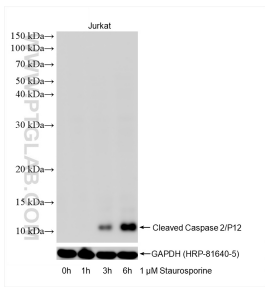
T: 4006900926

E: Proteintech-CN@ptglab.com

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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. This data was developed using the same antibody clone with 88209-2-PBS in a different storage buffer formulation.