

10-6603: Mouse Monoclonal Antibody to CASP3 (Clone: 1262CT521.280.101)(Discontinued)

| | |
|--------------------------------|---|
| Clonality : | Monoclonal |
| Clone Name : | 1262CT521.280.101 |
| Application : | WB |
| Reactivity : | Human |
| Gene : | CASP3 |
| Gene ID : | 836 |
| Uniprot ID : | P42574 |
| Format : | Purified |
| Alternative Name : | Caspase-3, CASP-3, Apopain, Cysteine protease CPP32, CPP-32, Protein Yama, SREBP cleavage activity 1, SCA-1, Caspase-3 subunit p17, Caspase-3 subunit p12, CASP3, CPP32 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Recombinant Protein |

Description

Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-|-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin. Triggers cell adhesion in sympathetic neurons through RET cleavage.

Product Info

| | |
|----------------------------|---|
| Amount : | 80 µl / 400 µl |
| Purification : | Protein G Chromatography |
| Content : | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage condition : | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Application Note

WB~1:2000

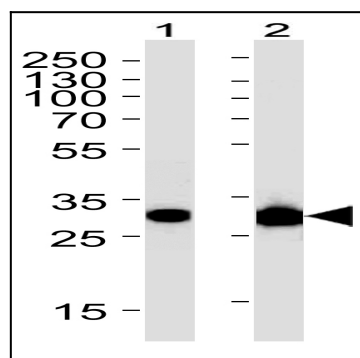


Figure 1: Western blot analysis of CASP3 Antibody (10-6603) with Lane 1: Jurkat, Lane 2: Ramos cell line lysates (35µg/lane). This demonstrates the CASP3 antibody detected the CASP3 protein.