

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

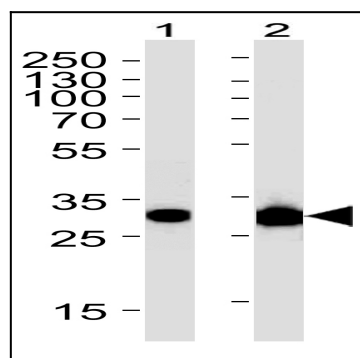


Figure 1: Western blot analysis of CASP3 Antibody (10-6603) with Lane 1: Jurkat, Lane 2: Ramos cell line lysates (35µg/lane). This demonstrates the CASP3 antibody detected the CASP3 protein.