

# Caspase 3 Antibody Biotin Conjugated

Catalog No: #C00062B

Package Size: #C00062B 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Caspase 3 Antibody Biotin Conjugated                                                                                              |
| Host Species          | Rabbit                                                                                                                            |
| Clonality             | Polyclonal                                                                                                                        |
| Isotype               | IgG                                                                                                                               |
| Purification          | Purified by Protein A.                                                                                                            |
| Applications          | WB IHC-P                                                                                                                          |
| Species Reactivity    | Hu Ms Rt B Goat                                                                                                                   |
| Immunogen Description | KLH conjugated synthetic peptide aa 60-100 277 derived from human Caspase 3(Active)                                               |
| Conjugates            | Biotin                                                                                                                            |
| Target Name           | Caspase-3                                                                                                                         |
| Other Names           | CPP32; SCA-1; CPP32B; Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; Protein Yama; SREBP cleavage activity 1; CASP3 |
| Accession No.         | Swiss-Prot#P42574NCBI Gene ID836                                                                                                  |
| Cell Localization     | Cytoplasm                                                                                                                         |
| Concentration         | 1mg ml                                                                                                                            |
| Formulation           | 10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.                                                 |
| Storage               | Store at 4C for 12 months.                                                                                                        |

## Application Details

Western blotting: 1:100-1000Immunohistochemistry1:100-500

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.