

# Caspase 3 Antibody HRP Conjugated

Catalog No: #C04206H

Package Size: #C04206H 100ul

## Description

|                       |                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Caspase 3 Antibody HRP Conjugated                                                                                                    |
| Host Species          | Rabbit                                                                                                                               |
| Clonality             | Polyclonal                                                                                                                           |
| Isotype               | IgG                                                                                                                                  |
| Purification          | Purified by Protein A.                                                                                                               |
| Applications          | WBB B IHC-PB IHC-F                                                                                                                   |
| Species Reactivity    | HuB MsB RtB B B                                                                                                                      |
| Immunogen Description | KLH conjugated synthetic peptide aa 1-45 277 derived from rat Caspase 3                                                              |
| Conjugates            | HRP                                                                                                                                  |
| Target Name           | Caspase 3                                                                                                                            |
| Other Names           | Lice; Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; IRP; Protein Yama; SREBP cleavage activity 1; SCA-1; Casp3; Cpp32 |
| Accession No.         | Swiss-Prot#P55213NCBI Gene ID25402                                                                                                   |
| Cell Localization     | Cytoplasm                                                                                                                            |
| Concentration         | 1mg ml                                                                                                                               |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                                                                     |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                      |

## Application Details

WB=1:500-2000B B IHC-P=1:50-200B IHC-F=1:50-200B

## 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. Triggers cell adhesion in sympathetic neurons through RET cleavage (By similarity).

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