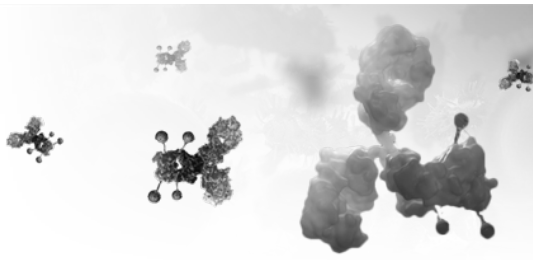

# Rabbit Anti-Human CASP3 Polyclonal Antibody (DPABH-21543)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Immunogen** | Recombinant Protein, antigen sequence: HGSESMDSGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNL KYEVRNKNDLTREEIVELMRDVSKEDHSKRSSFVCVLLSHGEEGIIFGTNGPVDL |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Mouse, Human, Rat |
| **Purification** | Antigen affinity purified |
| **Conjugate** | Unconjugated |
| **Applications** | IHC, WB, ICC-IF |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | 40% glycerol and PBS (pH 7.2). |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user. |

## BACKGROUND

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|---|---|
| **Introduction** | This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimers disease. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq, Jul 2008] |
| **Keywords** | CASP3; caspase 3, apoptosis-related cysteine peptidase; CPP32; SCA-1; CPP32B; caspase-3; CASP-3; CPP-32; apopain; procaspase3; protein Yama; PARP cleavage protease; cysteine protease CPP32; SREBP cleavage activity 1; caspase 3, apoptosis-related cysteine protease; |

# GENE INFORMATION

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|---|---|
| **Entrez Gene ID** | 836 |
| **UniProt ID** | P42574 |

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