



Rabbit Anti-Human CASP3 Polyclonal Antibody (DPABH-26796)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal to Cleaved-Caspase-3 p12 (D175).
Specificity	This antibody detects endogenous levels of fragment of activated Caspase-3 p12 protein resulting from cleavage adjacent to D175.
Target	Cleaved-Caspase-3 p12
Immunogen	Synthesized peptide derived from human Caspase-3 p12 (Internal)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Molecular Weight	12/33 kDa
Format	Liquid
Concentration	Lot specific
Size	100 µl, 200 µl
Buffer	PBS containing 50% glycerol and 0.5% BSA

Preservative	0.02% Sodium Azide
Storage	Store at -20°C, and avoid repeat freeze-thaw cycles.

BACKGROUND

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.
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

Entrez Gene ID	836
UniProt ID	P42574