

Product datasheet for **AP22764PU-N**

Caspase 3 (CASP3) (full length) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Western Blot: 1/1000.
Reactivity:	Bovine, Canine, Chicken, Guinea Pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Yeast
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant human Caspase-3 protein (full length)
Specificity:	This antibody reacts to Caspase 3 (CASP3).
Formulation:	PBS containing 0.09% azide and 50% glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	caspase 3
Database Link:	Entrez Gene 12367 Mouse Entrez Gene 25402 Rat Entrez Gene 694473 Monkey Entrez Gene 836 Human P42574
Background:	Caspase 3 is synthesized as an inactive proenzyme that undergoes proteolytic cleavage to produce 2 subunits, termed p20 and p11. These subunits dimerize to form the active enzyme. Caspase 3 proteolytically cleaves and activates other proteins. Caspase 3 has been associated with apoptosis.
Synonyms:	CASP-3, CASP3, CPP32, CPP-32, Yama protein, Apopain, SCA-1, SCA1

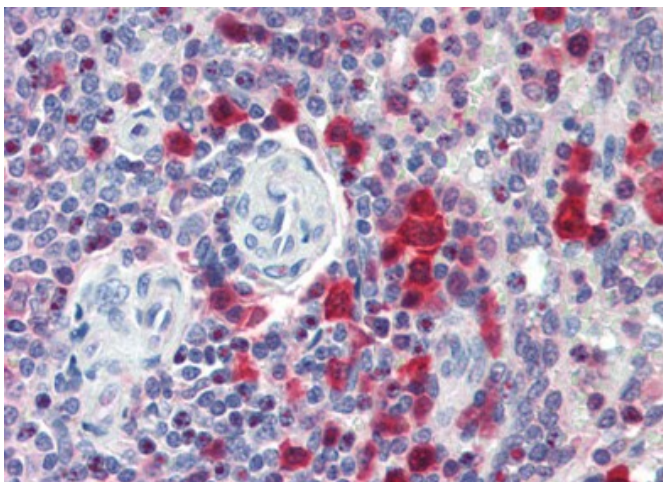


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Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Protease

Protein Pathways: Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Epithelial cell signaling in Helicobacter pylori infection, Huntington's disease, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, p53 signaling pathway, Parkinson's disease, Pathways in cancer, Viral myocarditis

Product images:



Human Spleen (formalin-fixed, paraffin-embedded) stained with CASP3 antibody at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.