

## Product datasheet for **TA324396**

### Caspase 3 (CASP3) Rabbit Polyclonal Antibody

#### Product data:

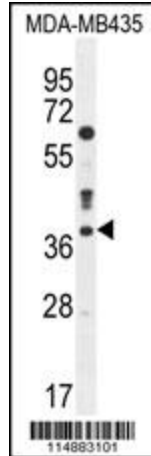
Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:50~100, FC: 1:10~50
Reactivity:	Human (Predicted: Mouse, Rat, Monkey, Rabbit)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This CASP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 219-248 amino acids from the C-terminal region of human CASP3.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31608 Da
Gene Name:	caspase 3
Database Link:	<a href="#">NP_004337</a> <a href="#">Entrez Gene 12367 Mouse</a> <a href="#">Entrez Gene 25402 Rat</a> <a href="#">Entrez Gene 694473 Monkey</a> <a href="#">Entrez Gene 836 Human</a> <a href="#">P42574</a>
Synonyms:	CPP32; CPP32B; SCA-1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Protease



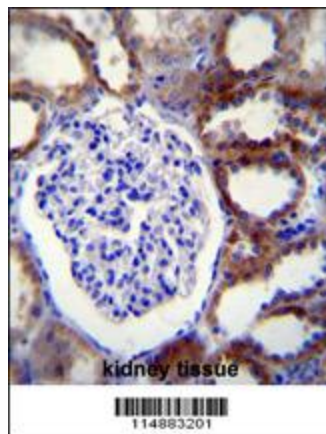
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**Protein Pathways:**

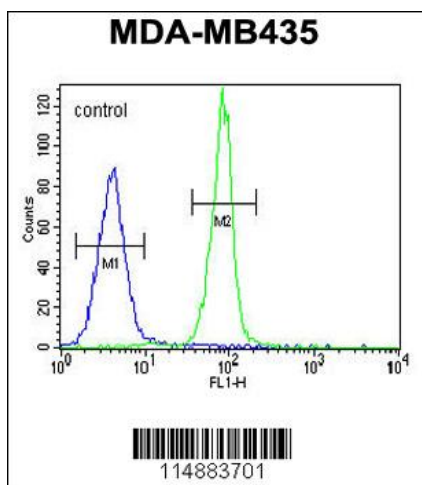
Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Epithelial cell signaling in Helicobacter pylori infection, Huntington's disease, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, p53 signaling pathway, Parkinson's disease, Pathways in cancer,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

**Product images:**

CASP3 Antibody (C-term) (Cat. #TA324396) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the CASP3 antibody detected the CASP3 protein (arrow).



CASP3 Antibody (C-term) (Cat. #TA324396) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CASP3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CASP3 Antibody (C-term) (Cat. #TA324396) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.