

## Product datasheet for **TA312446**

### Caspase 3 (CASP3) Rabbit Polyclonal Antibody

#### Product data:

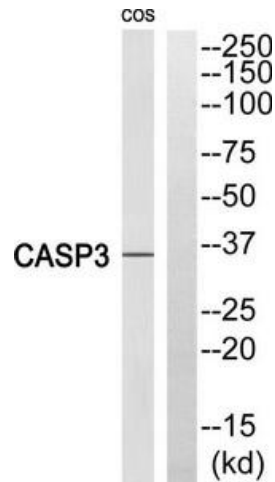
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:3000, ELISA: 1:40000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized peptide derived from human CASP3.
Formulation:	Phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caspase 3
Database Link:	<a href="#">NP_116786</a> <a href="#">Entrez Gene 836 Human</a> <a href="#">P42574</a>
Synonyms:	CPP32; CPP32B; SCA-1
Note:	Caspase 3 (Cleaved-Ser29) antibody detects endogenous levels of fragment of activated CASP3 resulting from cleavage adjacent to Ser29.
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:**

Western blot analysis of extracts from COS 7 cells, using Caspase 3 (Cleaved-Ser29) antibody. The lane on the right is treated with the synthesized peptide.