

Product datasheet for **AP26062PU-S**

Caspase 9 (CASP9) (301-305) Rabbit Polyclonal Antibody

Product data:

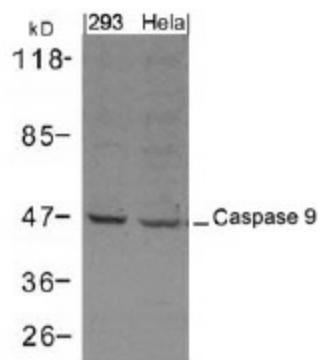
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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | Western blot: 1:1000. |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Peptide sequence around aa.301~305 derived from Caspase 9 |
| Specificity: | This antibody detects endogenous level of total Caspase 9 protein. |
| Formulation: | Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity-chromatography using epitope-specific peptide |
| Conjugation: | Unconjugated |
| Storage: | Store (in aliquots) at -20 °C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | caspase 9 |
| Database Link: | Entrez Gene 842 Human P55211 |
| Background: | Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9. |
| Synonyms: | CASP-9, CASP9, MCH6, ICE-LAP6, APAF-3, APAF3 |
| Note: | Molecular weight: 47/37/35 kDa |
| Protein Families: | Druggable Genome, Protease, Stem cell - Pluripotency |



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Protein Pathways:

Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Endometrial cancer, Huntington's disease, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Parkinson's disease, Pathways in cancer, Prostate cancer, Small cell lung cancer, VEGF signaling pathway, Viral myocarditis

Product images:

Western blot analysis of extracts from 293 and HeLa cells using Caspase 9 Antibody.