

Product datasheet for **TA383876**

Caspase 3 (CASP3) Rabbit Monoclonal Antibody [Clone ID: R05-2D6]

Product data:

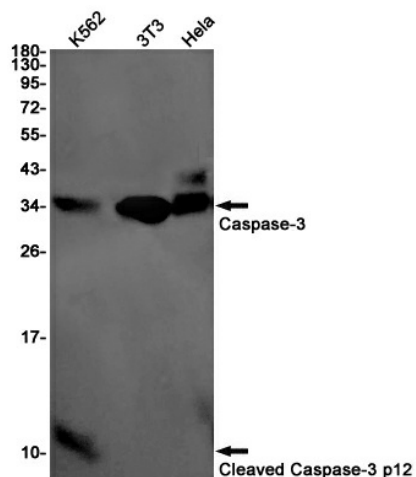
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | R05-2D6 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB: 1/1000 ICC/IF: 1/20 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Monoclonal |
| Immunogen: | Recombinant protein of human Caspase-3 p12 (Cleaved) |
| Formulation: | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Concentration: | lot specific |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | Calculated MW: 32 kDa; Observed MW: 32,12 kDa |
| Gene Name: | caspase 3 |
| Database Link: | Entrez Gene 836 Human P42574 |
| Background: | Swiss-Prot Acc.P42574.Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp- -Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin. Triggers cell adhesion in sympathetic neurons through RET cleavage. |



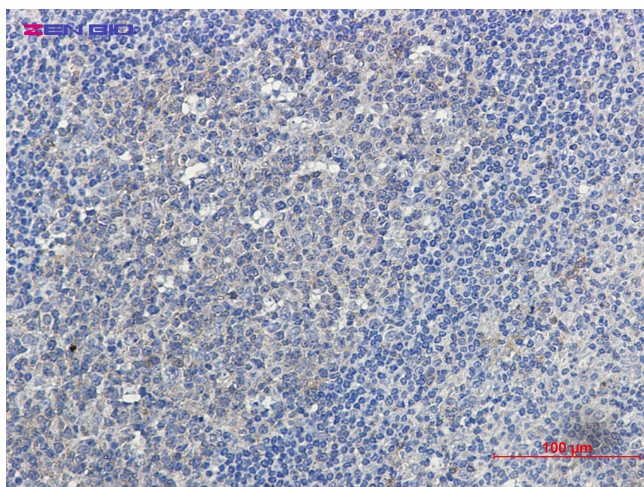
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Synonyms: apopain; CASP-3; CPP-32; CPP32; CPP32B; procaspase3; SCA-1; Yama

Product images:



Western blot analysis of Caspase3 p12 in K562, 3T3, HeLa lysates using Cleaved-Caspase 3 p12 antibody.



Immunohistochemical of Cleaved-Caspase-3 p12 in Human tonsil tissue using Cleaved-Caspase-3 p12 antibody at dilution 1/50