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**Product Name: Caspase 3 Rabbit Monoclonal Antibody****Catalog #: AMRe01517**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.63mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 32 kDa; Observed MW: 32 kDa

**Antigen Information**

<b>Gene Name</b>	CASP3
<b>Alternative Names</b>	CASP3; CPP32; Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; Protein Yama; SREBP cleavage activity 1; SCA-1
<b>Gene ID</b>	836
<b>SwissProt ID</b>	P42574
<b>Immunogen</b>	Recombinant protein of human Caspase-3

**Background**

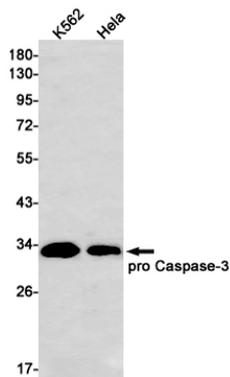
Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive

proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme.

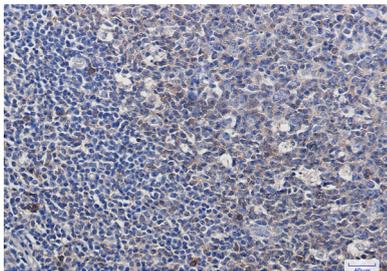
## Research Area

Cell Biology

## Image Data



Western blot analysis of Pro Caspase3 in K562, HeLa lysates using Caspase 3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using pro Caspase 3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.