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**Product Name: Caspase 10 Rabbit Monoclonal Antibody****Catalog #: AMRe83876**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,FC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.55mg/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>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,FC 1:20-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	59 kDa

**Antigen Information**

<b>Gene Name</b>	Caspase 10
<b>Alternative Names</b>	Apoptotic protease Mch4; CASP10; Caspase10; FLICE2; ICE like apoptotic protease 4; FADD-like ICE2;;Caspase 10
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q92851
<b>Immunogen</b>	A synthesized peptide derived from human Caspase 10

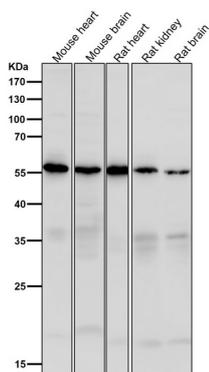
**Background**

Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1

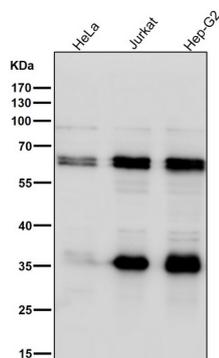
receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates effector caspases CASP3, CASP4, CASP6, CASP7, CASP8 and CASP9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-|-AMC and Asp-Glu-Val-Asp-|-AMC.

## Research Area

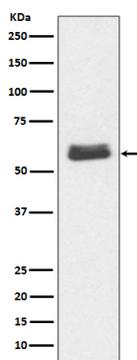
## Image Data



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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Western blot analysis of Caspase-10 expression in Jurkat cell lysate.