

Product Name: Caspase-2 Rabbit Monoclonal Antibody**Catalog #: AMRe83829**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.55mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	Calculated MW: 51 kDa ; Observed MW: 48 kDa

Antigen Information

Gene Name	Caspase-2
Alternative Names	Caspase-2; CASP-2; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1; Caspase-2 subunit p18; ICH1; NEDD2;;Caspase 2
Gene ID	
SwissProt ID	P42575
Immunogen	A synthesized peptide derived from human Caspase 2

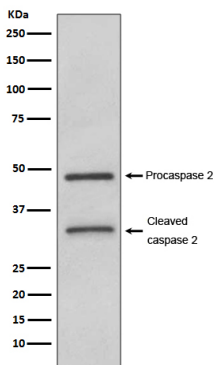
Background

Caspase-2 is a Class I caspase with a long prodomain necessary for nuclear localization. Caspase-2 is the nuclear apoptotic

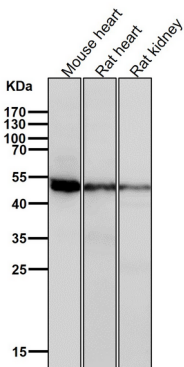
respondent to cellular genotoxic stress or mitotic catastrophe. Activation occurs upon recruitment to a complex containing a p53-induced death domain protein, PIDD.

Research Area

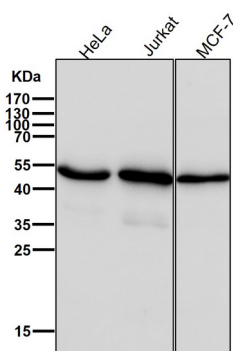
Image Data



Western blot analysis of Caspase-2 expression in HeLa cell lysate.



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



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