
Product Name: Caspase-2 Rabbit Monoclonal Antibody**Catalog #: AMRe87709**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:200,ICC/IF 1:200-1:500,FC 1:200-1:500
Molecular Weight	Calculated MW:51 kDa; Observed MW:48 kDa

Antigen Information

Gene Name	Caspase-2
Alternative Names	ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57
Gene ID	835, 12366, 64314
SwissProt ID	P42575, P29594, P55215
Immunogen	Recombinant protein of human Caspase-2

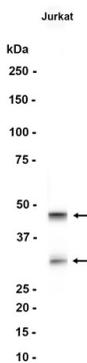
Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein may function in stress-induced cell death

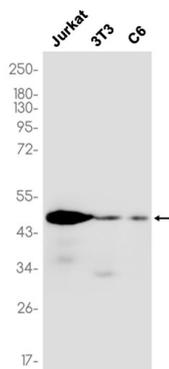
pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]

Research Area

Image Data



Western blot analysis of extracts from Jurkat cells using Caspase-2 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from Jurkat,3T3,C6 cells using AMRe87709 at 1:1000.