

KD-Validated Anti-Caspase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1434

Product Information

Application	WB, FC, ICC
Primary Accession	P42575
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4375
Calculated MW	50685
Gene Name	CASP2
Aliases	CASP2; Caspase 2; ICH1; PPP1R57; NEDD2; Neural Precursor Cell Expressed Developmentally Down-Regulated Protein; Protein Phosphatase 1, Regulatory Subunit 57; Protease ICH-1; EC 3.4.22.55; Caspase-2; MGC2181; CASP-2; NEDD-2; Neural Precursor Cell Expressed, Developmentally Down-Regulated 2; Caspase 2, Apoptosis-Related Cysteine Peptidase; Caspase 2 Apoptosis-Related Cysteine Peptidase
Immunogen	A synthesized peptide derived from human Caspase-2

Additional Information

Gene ID	835
Other Names	Caspase-2, CASP-2, 3.4.22.55, Neural precursor cell expressed developmentally down-regulated protein 2, NEDD-2, Protease ICH-1, Caspase-2 subunit p18, Caspase-2 subunit p13, Caspase-2 subunit p12, CASP2, ICH1, NEDD2

Protein Information

Name	CASP2
Synonyms	ICH1, NEDD2
Function	Is a regulator of the cascade of caspases responsible for apoptosis execution (PubMed: 11156409 , PubMed: 15073321 , PubMed: 8087842). Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival (PubMed: 15073321). Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress (PubMed: 15073321).
Tissue Location	Expressed at higher levels in the embryonic lung, liver and kidney than in the heart and brain. In adults, higher level expression is seen in the placenta, lung, kidney, and pancreas than in the heart, brain, liver and skeletal muscle

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