

Anti-Caspase-2 CASP2 Rabbit Monoclonal Antibody

Catalog # ABO13969

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P42575
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Caspase-2 CASP2 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

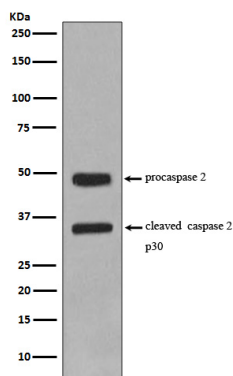
Additional Information

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
Calculated MW	50685
Application Details	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 FC 1:50
Tissue Specificity	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.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: DGC-3
Immunogen	A synthesized peptide derived from human Caspase-2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

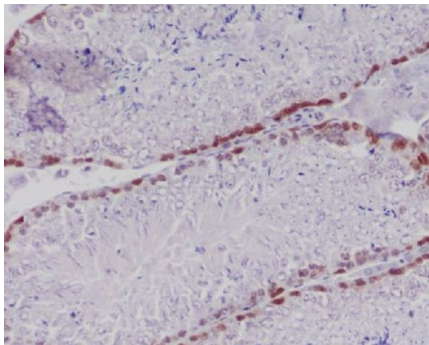
Protein Information

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

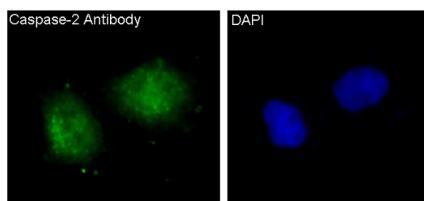
Images



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

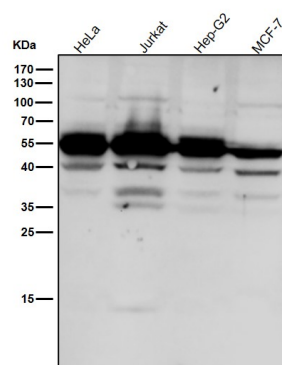


Immunohistochemical analysis of paraffin-embedded mouse testis, using Caspase-2 Antibody.



Immunofluorescent analysis of Hela cells, using Caspase-2 Antibody.

All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.