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# Casp2 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14347

## Product Information

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| **Application** | WB |
| **Primary Accession** | P29594 |
| **Other Accession** | NM_007610, NP_031636 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 50661 |

## Additional Information

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| **Gene ID** | 12366 |
| **Alias Symbol** | Caspase-2, ICH-1, Nedd2 |
| **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, Nedd-2, Nedd2 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-Casp2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | Casp2 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

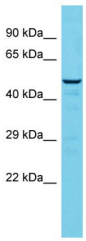
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| **Name** | Casp2 |
| **Synonyms** | Ich1, Nedd-2, Nedd2 |
| **Function** | Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival (PubMed:7958843). Associates with PIDD1 and CRADD to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis in response to genotoxic stress (By similarity). |

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| **Tissue Location** | High level expression seen in the embryonic CNS, liver, lung, kidney, small intestine, and hair follicles of vibrissae Moderate expression seen in the skin, oral mucosa, skeletal muscle, submandibular gland and thymus. In the adult, it is highly expressed in spleen, lung and kidney. Moderately in the brain, heart, testis, liver Low levels in the thymus, skeletal muscle, ovary and gut |

## References


Kumar S.,et al.Genes Dev. 8:1613-1626(1994).
van de Craen M.,et al.FEBS Lett. 403:61-69(1997).
Carninci P.,et al.Science 309:1559-1563(2005).
Kumar S.,et al.Biochem. Biophys. Res. Commun. 185:1155-1161(1992).


## Images




Host: Rabbit
Target Name: Casp2
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml


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