

## Caspase 7 Antibody

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| Cat. No.:         | HY-P80589   |
| Synonyms:         | Caspase 7 Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 34 kDa, targeting to Caspase 7. It can be used for WB, ICC/IF, IP assays with tag free, in the background of Mouse, Rat. |
| Host:             | Rabbit  |
| Reactivity:       | Mouse, Rat  |
| Conjugation:      | Non-conjugated  |
| SwissProt ID:     | P97864  |
| Research Field:   | Cell Biology  |
| Molecular Weight: | Predicted band size: 34 kDa   |

### PROPERTIES

|                              |  |                |
|------------------------------|--|----------------|
| Formulation                  | Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide |                |
| Purity                       | affinity purified  |                |
| Storage & Stability          | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.   |                |
| Appearance                   | Liquid   |                |
| Application & Dilution Ratio | Application  | Dilution Ratio |
|                              | WB   | 1:500-1:1,000  |
|                              | IF   | 1:50-1:200     |
|                              | IP   | 1:20           |
| Shipping                     | Shipping with blue ice.  |                |

### DESCRIPTION

|            |  |
|------------|--|
| Background | Caspase 7: Enables aspartic-type endopeptidase activity and cysteine-type endopeptidase activity involved in apoptotic process. Acts upstream of or within several processes, including execution phase of apoptosis; neuron apoptotic process; and response to UV. Predicted to be located in cytosol and nucleus. Predicted to be active in cytoplasm. Is expressed in brain; foregut; sensory organ; and urinary system. Human ortholog(s) of this gene implicated in Alzheimer's disease; breast cancer; colon cancer; and lung non-small cell carcinoma. Orthologous to human CASP7 (caspase 7). [provided by Alliance of Genome Resources, Apr 2022] |
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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