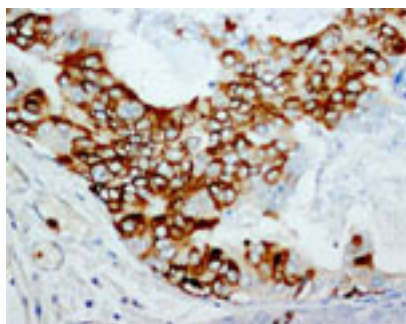


## Rabbit polyclonal antibody to human Caspase 2 (417-439): Affinity purified

|                          |  |
|--------------------------|--|
| <b>Catalogue No.:</b>    | R-1026-100   |
| <b>Description:</b>      | Caspase 2 is a member of the cysteine-aspartic acid protease (caspase) family and acts as both a positive and negative regulator of apoptosis. Overexpression of the full length Caspase 2 (Isoform ICH-1L) in some cell types results in apoptosis whereas the overexpression of an alternative Caspase 2 (ICH-1S) splice variant suppresses apoptosis.   |
| <b>Batch No.:</b>        | See product label  |
| <b>Unit size:</b>        | 100 ug   |
| <b>Antigen:</b>          | A synthetic peptide (REGYAPGTEFHRCKEMSEYCSSTL) corresponding to a region (417-439) from human Caspase 2  |
| <b>Other Names:</b>      | CASP-2; ICH-1 protease; CASP2; ICH1; NEDD2;  |
| <b>Accession:</b>        | P42575 CASP2_HUMAN;  |
| <b>Produced in:</b>      | Rabbit   |
| <b>Purity:</b>           | Affinity purified on antigen column  |
| <b>Applications:</b>     | Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 ug/mL is recommended for WB. Human Caspase 2 (Isoform ICH-1L) has a predicted length of 452 amino acids and a MW of 51 kDa. A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| <b>Specificity:</b>      | The specificity of this antibody has been confirmed by WB and IHC against the antigen.   |
| <b>Cross-reactivity:</b> | Human; rat; mouse;   |
| <b>Form:</b>             | Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>  |
| <b>Reconstitution:</b>   | Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.  |
| <b>Storage:</b>          | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles   |
| <b>Expiry Date:</b>      | 12 months after purchase   |



Immunohistochemical staining of paraffin-embedded human mammary cancer sections using Caspase 2 antibody (R-1026-100) at a concentration of 1.0-2.0 µg/ml. Secondary detection with Biotinylated goat anti-rabbit IgG (10 µg/ml).

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