



## Rabbit polyclonal antibody to human Presenilin-2 (319-334): Affinity purified

<b>Catalogue No.:</b>	R-1479-100
<b>Description:</b>	Presenilin-2 is a multi-pass membrane protein and component of the gamma-secretase complex. At least 2 isoforms are produced by alternative splicing.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 µg
<b>Antigen:</b>	A synthetic peptide corresponding to a region (319-334 aa) from human Presenilin-2.
<b>Antigen Location:</b>	319-334
<b>Other Names:</b>	PS-2; AD3LP; AD5; E5-1; STM-2; PSEN2; AD4; PS2; PSNL2; STM2;
<b>Accession:</b>	P49810 PSN2_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB) and Immunohistochemistry (IHC). A concentration of 1.0 µg/ml is recommended for WB. Human Presenilin-2 (isoform 1) has a predicted length of 448 amino acids and MW of 50 kDa. A concentration of 1.0 µg/ml is recommended for IHC to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. A concentration of 1.0 µg/ml is also recommended for IHC in frozen tissue. 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 (Human, Rat) and IHC (Rat) against the antigen.
<b>Antibody Against:</b>	Presenilin-2
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology
<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>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in 100 µl 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 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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