



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

Catalogue No.:	R-1479-100
Description:	Presenilin-2 is a multi-pass membrane protein and component of the gamma-secretase complex. At least 2 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (319-334 aa) from human Presenilin-2.
Antigen Location:	319-334
Other Names:	PS-2; AD3LP; AD5; E5-1; STM-2; PSEN2; AD4; PS2; PSNL2; STM2;
Accession:	P49810 PSN2_HUMAN;
Produced in:	Rabbit
Applications:	Western Blotting (WB) and Immunohistochemistry (IHC). A concentration of 1.0 ug/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 ug/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 ug/mL is also recommended for IHC in frozen tissue. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB (Human, Rat) and IHC (Rat) against the antigen.
Antibody Against:	Presenilin-2
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Appearance:	White powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

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