

Datasheet for ABIN7455024

anti-Presenilin 2 antibody (AA 275-325)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Presenilin 2 (PSEN2)
Binding Specificity:	AA 275-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Presenilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-Presenilin-2 Antibody, Affinity Purified
Immunogen:	Between AA 275 and 325
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Bovine,Pig,Orangutan
Purification:	Affinity Purified

Target Details

Target:	Presenilin 2 (PSEN2)
Alternative Name:	Presenilin-2 (PSEN2 Products)

Target Details

Background:	Background: Presenilin-2 is a probable catalytic subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein). Presenilin-2 requires the other members of the gamma-secretase complex to have a protease activity. It may play a role in intracellular signaling and gene expression or in linking chromatin to the nuclear membrane. It may function in the cytoplasmic partitioning of proteins [taken from the Universal Protein Resource (UniProt) P49810].
Gene ID:	5664
NCBI Accession:	NP_000438
UniProt:	P49810
Pathways:	Notch Signaling , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 10 µg/mg lysate WB: 1:1,000 - 1:5,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months