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# PSENEN Polyclonal Antibody

**Cat #:** G-AB-08976

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
Presenilins, which are components of the gamma-secretase protein complex, are required for intramembranous processing of some type I transmembrane proteins, such as the Notch proteins and the beta-amyloid precursor protein. Signaling by Notch receptors mediates a wide range of developmental cell fates. Processing of the beta-amyloid precursor protein generates neurotoxic amyloid beta peptides, the major component of senile plaques associated with Alzheimer's disease. This gene encodes a protein that is required for Notch pathway signaling, and for the activity and accumulation of gamma-secretase. Mutations resulting in haploinsufficiency for this gene cause familial acne inversa-2 (ACNINV2). Alternative splicing results in multiple transcript variants.

**Gene ID:** 55851

**Accession #:**

**Immunogen:** A synthetic peptide of human PSENEN (NP_758844.1).

**Conjugation:** Unconjugated

**Swissprot:** Q9NZ42

**Calculated Molecular Weight:** 12 kDa

**Observed Molecular Weight:** 16 kDa

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** WB

**Dilution:** WB 1:500-1:2000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.