

## PSEN1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**53kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PSEN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

it

**Synonym:**

PSEN1; AD3; FAD; PS-1; PS1; S182;

**Catalog #:**A2187

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5663

**Isotype:**IgG

**Swiss Prot:**P49768

**Purity:**Affinity purification

For research use only.

**Background:**

Presenilin 1 and presenilin 2 are transmembrane proteins belonging to the presenilin family. Mutation of presenilin genes has been linked to early onset of Alzheimer disease, probably due to presenilin's associated -secretase activity for amyloid- protein processing (1,2). Endogenous presenilin mainly exists in a heterodimeric complex formed from the endoproteolytically processed amino-terminal (34 kDa) and carboxy-terminal (~20, 22, 23 kDa) fragments (CTF) (2,3).

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