

## Presenilin 1 (S28) polyclonal antibody

Catalog: BS1298

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

A novel protein, designated Presenilin 1 (also designated S182) and mapping to the AD3 locus of chromosome 14q24.3, has been described. Mutations in the gene encoding Presenilin 1 have been found in families suffering from early-onset Alzheimer's disease. A highly related protein, designated Presenilin 2 (also designated STM2), shares 80% amino acid sequence identity with Presenilin 1. Presenilin 1 and Presenilin 2 have similar structures and represent novel members of the seven-pass trans-membrane receptor superfamily.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 52 kDa

### Swiss-Prot:

P49768

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

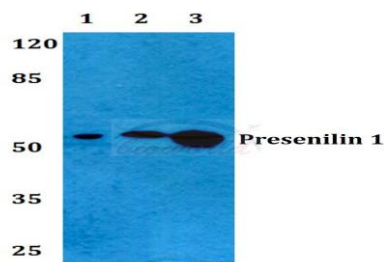
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Presenilin 1 (S28) polyclonal antibody detects endogenous levels of Presenilin 1 protein.

### DATA:



Western blot (WB) analysis of Presenilin 1 (S28) polyclonal antibody at 1:500 dilution

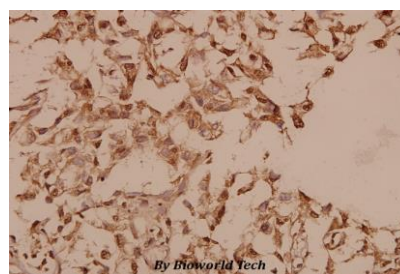
Lane1:MCF-7 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)

Lane5:HEK293T whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Presenilin 1 (S28) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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