

BBP polyclonal antibody

Catalog: BS60257

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Proteolytic cleavage of the Amyloid protein precursor (APP) gives rise to the β -Amyloid and Amyloid A4 proteins, which are present in human platelets. Amyloid deposition is associated with type II diabetes, Down syndrome and a variety of neurological disorders, including Alzheimer's disease. Proteolytic cleavage of APP leads to the formation of the Amyloid β /A4 Amyloid protein. This protein is involved in the formation of neurofibrillary tangles and plaques that characterize the senile plaques of Alzheimer's patients. BBP (Beta-amyloid-binding protein), also known as TM2D1 (TM2 domain-containing protein 1), is a 207 amino acid multi-pass membrane protein containing a G protein-coupling module that allows for interaction with the β -amyloid peptide of APP. In cell culture, expression of BBP induces caspase-dependent vulnerability to β -amyloid peptide toxicity, suggesting that it is a target of β -amyloid and may be involved in the molecular pathophysiology of Alzheimer's disease.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 22 kDa

Swiss-Prot:

Q9BX74

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

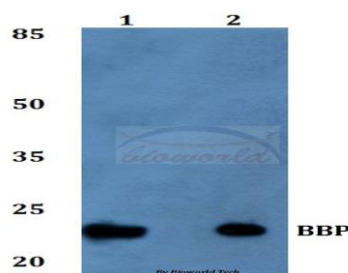
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

BBP polyclonal antibody detects endogenous levels of BBP protein.

DATA:

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

Lane1:MCF-7 whole cell lysate

Lane2:Mouse kidney tissue lysate

Note:

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

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