

## TM2D1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

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

**Calculated MW:**22kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human TM2D1

**Storage Buffer:**

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

**Synonym:**

BBP;

**Background:**

The protein encoded by this gene is a beta-amyloid peptide-binding protein. It contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily and known to be important in heterotrimeric G protein activation. Beta-amyloid peptide has been established to be a causative factor in neuron death and the consequent diminution of cognitive abilities observed in Alzheimer's disease. This protein may be a target of neurotoxic beta-amyloid peptide, and may mediate cellular vulnerability to beta-amyloid peptide toxicity through a G protein-regulated program of cell death.

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**Catalog #:**A7840

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**83941

**Isotype:**IgG

**Swiss Prot:**Q9BX74

**Purity:**Affinity purification

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