



TM2D1 Polyclonal Antibody

Catalog No	BYab-06283
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TM2D1 BBP
Protein Name	TM2 domain-containing protein 1 (Beta-amyloid-binding protein) (hBBP)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TM2D1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	22kD
Cell Pathway	Membrane ; Multi-pass membrane protein .
Tissue Specificity	Widely expressed.
Function	caution:Was initially thought (PubMed:11278849) to modulate beta-amyloid toxicity by coupling to G protein. However, PubMed:12836168 showed that this effect is not direct.,function:May participate to beta-amyloid-induced apoptosis via its interaction with beta-APP42.,PTM:N-glycosylated.,similarity:Belongs to the TM2 family.,subunit:Interacts with beta-APP42 (beta-amyloid protein 42) peptide of APP.,tissue specificity:Widely expressed.,
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

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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. Several transcript variants have been found for this gene. [provided by RefSeq, Feb 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

