

Anti-BBP TM2D1 Antibody

Catalog Number: A07739

About TM2D1

This gene encodes an enzyme involved in the catabolism of choline, catalyzing the oxidative demethylation of dimethylglycine to form sarcosine. The enzyme is found as a monomer in the mitochondrial matrix, and uses flavin adenine dinucleotide and folate as cofactors. Mutation in this gene causes dimethylglycine dehydrogenase deficiency, characterized by a fishlike body odor, chronic muscle fatigue, and elevated levels of the muscle form of creatine kinase in serum. Alternative splicing results in multiple transcript variants.

Binzak B.A., Mol. Genet. Metab. 69:181-187(2000).

Binzak B.A., Am. J. Hum. Genet. 68:839-847(2001).

Moolenaar S.H., Clin. Chem. 45:459-464(1999)

Overview

Product Name	Anti-BBP TM2D1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-BBP TM2D1 Antibody catalog # A07739. Tested in WB applications. This antibody reacts with Human,Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9BX74

Technical Details

Immunogen	Synthesized peptide derived from human UBE2W protein.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

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

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

Anti-BBP TM2D1 Antibody (A07739) Images

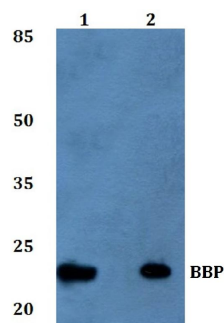


Figure 1. Western blotting validation for Anti-BBP TM2D1 Antibody A07739

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

Lane1:MCF-7 whole cell lysate

Lane2:Mouse kidney tissue lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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