

Anti-TIMM8B Antibody

Catalog Number: A12570

About TIMM8B

Plays a central role in 2-thiolation of mcm5S2U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). Directly binds tRNAs and probably acts by catalyzing adenylation of tRNAs, an intermediate required for 2-thiolation. It is unclear whether it acts as a sulfurtransferase that transfers sulfur from thiocarboxylated URM1 onto the uridine of tRNAs at wobble position.

Yousef G.M., Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Beausoleil S.A., Nat. Biotechnol. 24:1285-1292(2006).

Overview

Product Name	Anti-TIMM8B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TIMM8B Antibody catalog # A12570. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, 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	Q9Y5J9

Technical Details

Immunogen	Synthesized peptide derived from C-terminal of human ATBP3.
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: 1:500-1:2000

IHC: 1:50-1:100

ICC/IF: 1:50-1:100

Anti-TIMM8B Antibody (A12570) Images

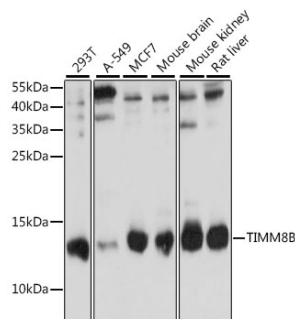


Figure 1. Western blotting validation for Anti-TIMM8B Antibody A12570

Western blot analysis of extracts of various cell lines

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