

Datasheet for ABIN653752
anti-MMAA antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	MMAA
Binding Specificity:	AA 56-84, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMAA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MMAA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-84 amino acids from the N-terminal region of human MMAA.
Clone:	RB24782
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MMAA
Alternative Name:	MMAA (MMAA Products)
Background:	The protein encoded by this gene is involved in the translocation of cobalamin into the

Target Details

mitochondrion, where it is used in the final steps of adenosylcobalamin synthesis.
Adenosylcobalamin is a coenzyme required for the activity of methylmalonyl-CoA mutase.
Defects in this gene are a cause of methylmalonic aciduria.

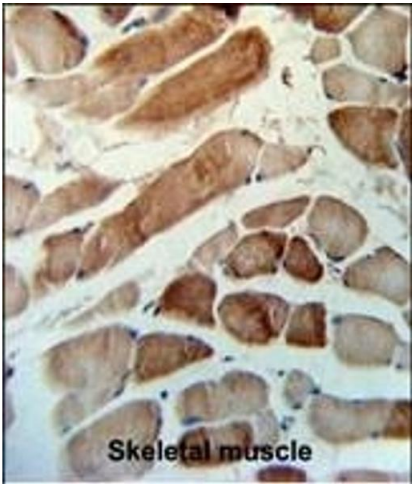
Molecular Weight:	46538
Gene ID:	166785
NCBI Accession:	NP_758454
UniProt:	Q8IVH4
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:500. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

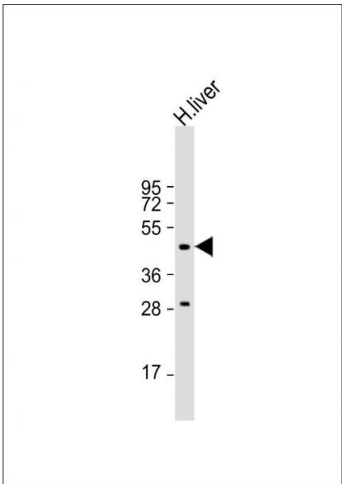
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



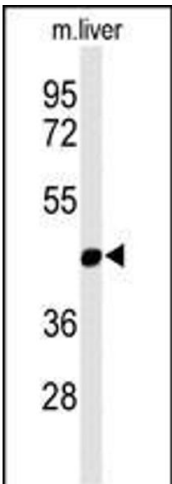
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Antibody (N-term) (ABIN653752 and ABIN2843052) IHC analysis in formalin fixed and paraffin embedded human skeletal muscle tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Antibody (N-term) for iunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti- Antibody (N-term) at 1:500 dilution + human liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of Antibody (N-term) (ABIN653752 and ABIN2843052) in mouse liver tissue lysates (35 µg/lane). (arrow) was detected using the purified Pab.