

# MMAB Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5050

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q96EY8</a>
<b>Other Accession</b>	<a href="#">Q9D273</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	27388
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Gene ID</b>	326625
<b>Antigen Region</b>	50-81
<b>Other Names</b>	Cob(I)yrinic acid a, c-diamide adenosyltransferase, mitochondrial, Cob(I)alamin adenosyltransferase, Methylmalonic aciduria type B protein, MMAB
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This MMAB antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 50-81 amino acids from the Central region of human MMAB.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	MMAB Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	MMAB ( <a href="#">HGNC:19331</a> )
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<b>Function</b>	Converts cob(I)alamin to adenosylcobalamin (adenosylcob(III)alamin), a coenzyme for methylmalonyl-CoA mutase, therefore participates in the final step of the vitamin B12 conversion (PubMed: <a href="#">12514191</a> ). Generates adenosylcobalamin (AdoCbl) and directly delivers the cofactor to MUT in a transfer that is stimulated by ATP- binding to MMAB and gated by MMAA (Probable).
<b>Cellular Location</b>	Mitochondrion.
<b>Tissue Location</b>	Expressed in liver and skeletal muscle.

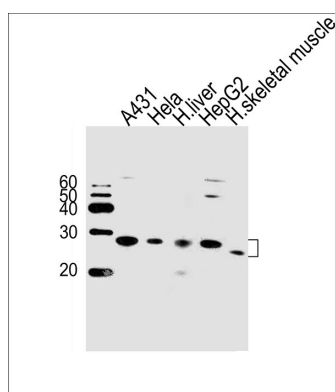
## References

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Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).  
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## Images

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Western blot analysis of lysates from A431, HeLa cell line, human liver tissue, HepG2 cell line and human skeletal muscle tissue lysate (from left to right),using MMAB Antibody (Center)(Cat. #AW5050). AW5050 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.