

**Product Name: ABHD5 (2H2) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe06440**

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## Summary

<b>Production Name</b>	ABHD5 (2H2) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ABHD5
<b>Alternative Names</b>	ABHD5; Abhydrolase domain containing 5; CDS; CGI58; IECN2; NCIE2;
<b>Gene ID</b>	51099.0
<b>SwissProt ID</b>	Q8WTS1.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	39kDa

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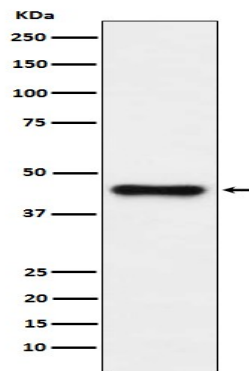
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## Background

Lysophosphatidic acid acyltransferase which functions in phosphatidic acid biosynthesis. May regulate the cellular storage of triacylglycerol through activation of the phospholipase PNPLA2. Involved in keratinocyte differentiation. Coenzyme A-dependent lysophosphatidic acid acyltransferase that catalyzes the transfert of an acyl group on a lysophosphatidic acid (PubMed:<a href="http://www.uniprot.org/citations/18606822" target="\_blank">18606822</a>). Functions preferentially with 1-oleoyl- lysophosphatidic acid followed by 1-palmitoyl-lysophosphatidic acid, 1- stearoyl-lysophosphatidic acid and 1-arachidonoyl-lysophosphatidic acid as lipid acceptor. Functions preferentially with arachidonoyl-CoA followed by oleoyl-CoA as acyl group donors (By similarity). Functions in phosphatidic acid biosynthesis (PubMed:<a href="http://www.uniprot.org/citations/18606822" target="\_blank">18606822</a>). May regulate the cellular storage of triacylglycerol through activation of the phospholipase PNPLA2 (PubMed:<a href="http://www.uniprot.org/citations/16679289" target="\_blank">16679289</a>). Involved in keratinocyte differentiation (PubMed:<a href="http://www.uniprot.org/citations/18832586" target="\_blank">18832586</a>). Regulates lipid droplet fusion (By similarity).

## Research Area

## Image Data



Western blot analysis of ABHD5 expression in HepG2 cell lysate.

## Note

For research use only.