

# ACER3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP8953b

## Product Information

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<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">Q9NUN7</a>
<b>Other Accession</b>	<a href="#">Q9D099</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB22389
<b>Antigen Region</b>	224-250

## Additional Information

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<b>Other Names</b>	Alkaline ceramidase 3, AlkCDase 3, Alkaline CDase 3, 351-, Alkaline dihydroceramidase SB89, Alkaline phytoceramidase, aPHC, ACER3, APHC, PHCA
<b>Target/Specificity</b>	This ACER3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-250 amino acids from the C-terminal region of human ACER3.
<b>Dilution</b>	WB~1:1000 FC~1:10~50 E~Use at an assay dependent concentration.
<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>	ACER3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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ACER3 hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity.

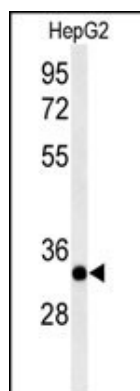
## References

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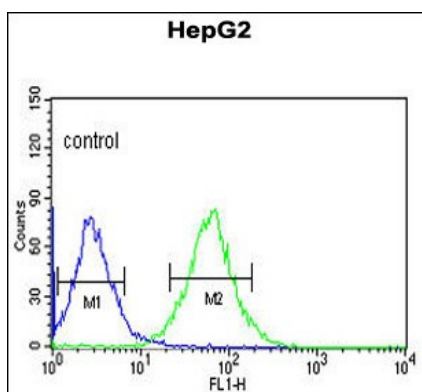
Wheeler,H.E., et.al., PLoS Genet. 5 (10), E1000685 (2009)  
Mao,C. et.al., Biochim. Biophys. Acta 1781 (9), 424-434 (2008)

## Images

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Western blot analysis of ACER3 Antibody (C-term) (Cat. #AP8953b) in HepG2 cell line lysates (35ug/lane). ACER3 (arrow) was detected using the purified Pab.



ACER3 Antibody (C-term) (Cat. #AP8953b) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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