

Product datasheet

Anti-ACY3 antibody [3A1] ab117983

1 Image

Overview

<b>Product name</b>	Anti-ACY3 antibody [3A1]
<b>Description</b>	Mouse monoclonal [3A1] to ACY3
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length Human ACY3 produced in HEK293T cells (NP_542389).
<b>Positive control</b>	HEK293T cell lysate transfected with pCMV6-ENTRY ACY3 cDNA.
<b>General notes</b>	Dilute in PBS (pH7.3) before use.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 1% BSA, 50% Glycerol
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	ab117983 is purified from Mouse ascites fluids by affinity chromatography.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	3A1
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab117983** in the following tested applications.

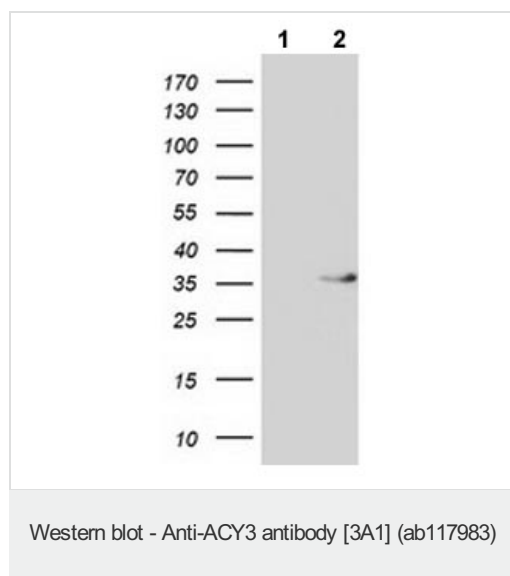
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 35 kDa.

## Target

<b>Function</b>	Plays an important role in deacetylating mercapturic acids in kidney proximal tubules.
<b>Sequence similarities</b>	Belongs to the AspA/AstE family. Aspartoacylase subfamily.
<b>Cellular localization</b>	Apical cell membrane. Cytoplasm. Predominantly localized in the apical membrane of cells in the S1 segment. In the proximal straight tubules (S2 and S3 segments) is expressed diffusely throughout the cytoplasm.

## Images



**All lanes :** Anti-ACY3 antibody [3A1]  
(ab117983) at 1/2000 dilution

**Lane 1 :** HEK293T cell lysate transfected with  
pCMV6-ENTRY control

**Lane 2 :** HEK293T cell lysate transfected with  
pCMV6-ENTRY ACY3 cDNA

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 35 kDa

HEK293T cell lysates were generated from  
transient transfection of the cDNA clone  
(RC202287)

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