

Product datasheet

Anti-Acetoacetyl CoA synthetase antibody ab68795

1 Image

Overview

Product name	Anti-Acetoacetyl CoA synthetase antibody
Description	Mouse polyclonal to Acetoacetyl CoA synthetase
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human Acetoacetyl CoA synthetase protein (AAH41000.1)
Positive control	Acetoacetyl CoA synthetase transfected 293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab68795** 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
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WB

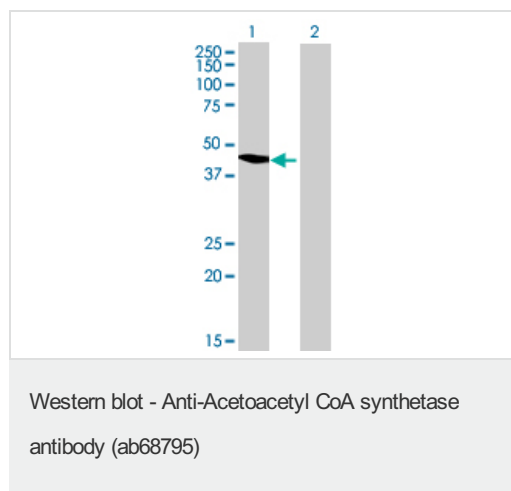
Application notes	WB: 1/500 - 1/1000. Detects a band of approximately 46 kDa (predicted molecular weight: 46 kDa; longest isoform 75: kDa). Not yet tested in other applications.
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Optimal dilutions/concentrations should be determined by the end user.

Target

Function	Activates acetoacetate to acetoacetyl-CoA. May be involved in utilizing ketone body for the fatty acid-synthesis during adipose tissue development.
Tissue specificity	Highly expressed in kidney, heart and brain, but low in liver.
Sequence similarities	Belongs to the ATP-dependent AMP-binding enzyme family.
Cellular localization	Cytoplasm > cytosol.

Images



All lanes : Anti-Acetoacetyl CoA synthetase antibody (ab68795) at 1/500 dilution

Lane 1 : Acetoacetyl CoA synthetase transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 46 kDa

Observed band size: 46 kDa

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