

## Product datasheet

# Anti-Apolipoprotein CI antibody (HRP) ab21185

### Overview

<b>Product name</b>	Anti-Apolipoprotein CI antibody (HRP)
<b>Description</b>	Goat polyclonal to Apolipoprotein CI (HRP)
<b>Host species</b>	Goat
<b>Conjugation</b>	HRP
<b>Specificity</b>	ab21185 binds to human Apolipoprotein C-I and shows no reactivity with other human plasma apoproteins.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Unfortunately, this information is considered to be commercially sensitive.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10mg/ml BSA, 0.1M Sodium chloride, 50mM PBS, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab21185** 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

<b>Application notes</b>	WB: 1/1000 - 1/3000. Predicted molecular weight: 9 kDa. Dilution optimised using Chromogenic detection. Can be used for detection of Apo CI in plasma and lipoproteins. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end
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user.

## Target

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<b>Function</b>	Appears to modulate the interaction of APOE with beta-migrating VLDL and inhibit binding of beta-VLDL to the LDL receptor-related protein. Binds free fatty acids and reduces their intracellular esterification.
<b>Tissue specificity</b>	Synthesized mainly in liver and to a minor degree in intestine. Secreted in plasma.
<b>Sequence similarities</b>	Belongs to the apolipoprotein C1 family.
<b>Cellular localization</b>	Secreted.

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