# Overview

**Product name** | Anti-Apolipoprotein B antibody  
**Description** | Rabbit polyclonal to Apolipoprotein B  
**Host species** | Rabbit  
**Specificity** | Cross-reacts with Apo B48 and B100.  
**Species reactivity** | Reacts with: Mouse, Human  
**Immunogen** | Full length native protein (purified) corresponding to Mouse Apolipoprotein B. Apolipoprotein B48 purified from pooled mouse plasma very low-density lipoprotein.

## Properties

<table>
<thead>
<tr>
<th>Form</th>
<th>Liquid</th>
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<tbody>
<tr>
<td>Storage instructions</td>
<td>Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.</td>
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</table>
| Storage buffer | Preservative: 0.02% Sodium azide  
 Constituent: Whole serum |
| Purity | Whole antiserum |
| Purification notes | Heat inactivated. Product is 0.22um filtered. |
| Clonality | Polyclonal |
| Isotype | IgG |

## Target

**Function** | Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor. |

**Involvement in disease** | Hypobetalipoproteinemia, familial, 1  
 Familial ligand-defective apolipoprotein B-100  
 Defects in APOB associated with defects in other genes (polygenic) can contribute to hypcholesterolemia. |

**Sequence similarities** | Contains 1 vitellogenin domain. |

**Post-translational** | Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the
modifications: lipoprotein particle.
Cellular localization: Cytoplasm. Secreted.

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