

Product datasheet

Anti-Apolipoprotein B antibody ab31992

★★★★★ 2 Abreviews 10 References

Overview

Product name	Anti-Apolipoprotein B antibody
Description	Rabbit polyclonal to Apolipoprotein B
Host species	Rabbit
Specificity	ab31992 recognizes Apolipoprotein B48 and B100, as these proteins are highly conserved.
Species reactivity	Reacts with: Mouse, Human
Immunogen	SDS PAGE purified mouse Apolipoprotein B48 (very low density lipoprotein) from pooled mouse plasma.

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.

Storage buffer	Preservative: 0.05% Sodium azide Constituent: 40% Glycerol
Purity	Whole antiserum
Purification notes	ab31992 is a heat inactivated neat serum.
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 hypocholesterolemia.
Sequence similarities	Contains 1 vitellogenin domain.
Post-translational modifications	Palmitoylated; structural requirement for proper assembly of the hydrophobic core of the lipoprotein particle.
Cellular localization	Cytoplasm. Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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