

Product datasheet

Anti-Apo-D antibody ab223252

3 Images

Overview

Product name	Anti-Apo-D antibody
Description	Goat polyclonal to Apo-D
Host species	Goat
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Cynomolgus monkey 
Immunogen	Synthetic peptide corresponding to Human Apo-D aa 48-61. Sequence: EIEKIPTTFENGRC Database link: P05090 Run BLAST with Run BLAST with
Positive control	WB: Human liver lysate. IHC-P: Human kidney.
General notes	Previously labelled as Apolipoprotein D.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab223252** in the following tested applications.

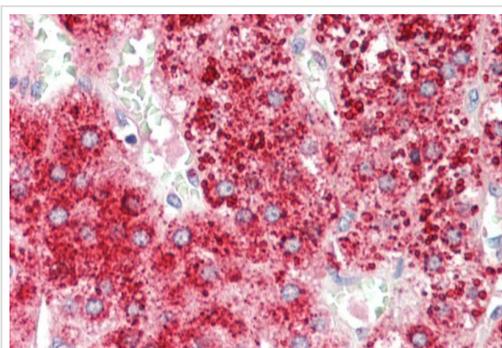
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 25 kDa (predicted molecular weight: 21.3 kDa).
IHC-P		Use a concentration of 5 - 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

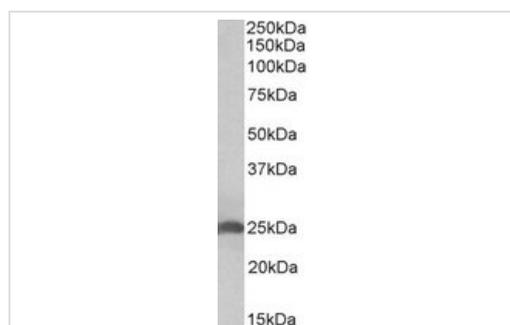
Function	APOD occurs in the macromolecular complex with lecithin-cholesterol acyltransferase. It is probably involved in the transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts.
Tissue specificity	Expressed in liver, intestine, pancreas, kidney, placenta, adrenal, spleen, fetal brain tissue and tears.
Sequence similarities	Belongs to the calycin superfamily. Lipocalin family.
Cellular localization	Secreted.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-D antibody (ab223252)

Paraffin embedded sections of human adrenal gland were stained for Apo-D with ab223252 at a concentration of 5 µg/ml in Immunohistochemical analysis.



Western blot - Anti-Apo-D antibody (ab223252)

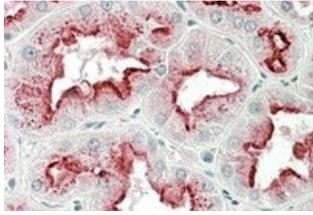
Anti-PKC beta 1 antibody [EPR18512] (Alexa Fluor® 488) (ab223452) at 0.3 µg/ml + Human liver lysate at 35 µg

Predicted band size: 21.3 kDa

Observed band size: 25 kDa

[why is the actual band size different from the predicted?](#)

Primary incubation: 1 hour



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-D antibody (ab223252)

Paraffin embedded sections of human kidney were stained for Apo-D with ab223252 at a concentration of 5 µg/ml in Immunohistochemical analysis.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors