

Product datasheet

Anti-VPS37B antibody ab122450

[1 References](#) [2 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-VPS37B antibody |
| Description | Rabbit polyclonal to VPS37B |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | antigen sequence: IEEDTENMAE KFLDGELPLD SFIDVYQSKR KLAHMRRVKI EKLQEMVLKG QRLPQALAPL PPRLPELAPT APLPYAP, corresponding to amino acids 117-194 of Human VPS37B Run BLAST with Expasy Run BLAST with NCBI |
| Positive control | Human colon tissue; RT4, U251 MG, Liver and Tonsil lysates. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine) |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122450 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 |
|-------------|-----------|--|
| IHC-P | | 1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| WB | | Use a concentration of 0.04 - 0.4 µg/ml. |

Target

Function

Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in cell growth and differentiation.

Tissue specificity

Widely expressed. Expressed in macrophages and lymphocytes.

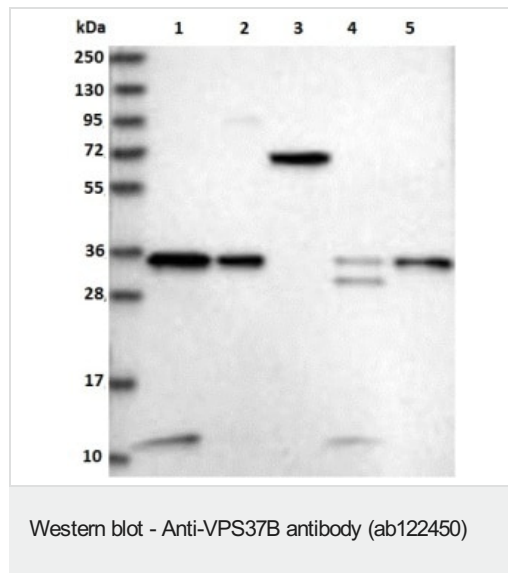
Sequence similarities

Belongs to the VPS37 family.
Contains 1 VPS37 C-terminal domain.

Cellular localization

Late endosome membrane. Recruited to the endosomal membrane in a VPS4A-dependent fashion.

Images



All lanes : Anti-VPS37B antibody (ab122450) at 1/250 dilution

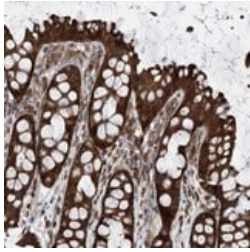
Lane 1 : RT4 lysate

Lane 2 : U251 MG lysate

Lane 3 : Human plasma lysate

Lane 4 : Liver lysate

Lane 5 : Tonsil lysate



ab122450, at 1/50 dilution, staining VPS37B in paraffin-embedded Human colon tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VPS37B antibody (ab122450)

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

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