

Product datasheet

Anti-PLEKHA4 antibody - N-terminal ab170537

3 Images

Overview

<b>Product name</b>	Anti-PLEKHA4 antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to PLEKHA4 - N-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human PLEKHA4 aa 28-58 (N terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). The exact sequence is proprietary. Database link: <a href="#">Q9H4M7</a>
<b>Positive control</b>	K562 cell line lysate; Human liver tissue; K562 cells

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab170537** in the following tested applications.

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

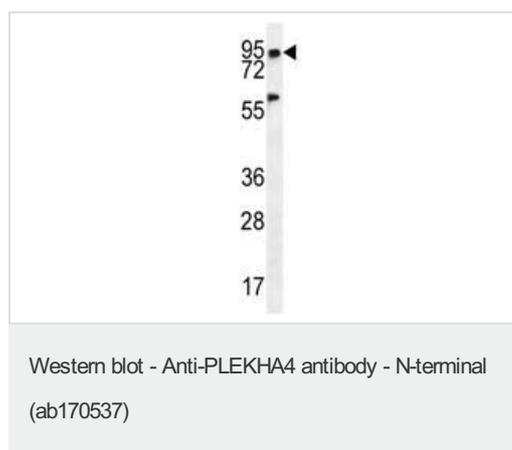
Application	Abreviews	Notes
Flow Cyt		1/10 - 1/50. <a href="#">ab171870</a> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.

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IHC-P		1/10 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/100 - 1/500. Predicted molecular weight: 85 kDa.

## Target

<b>Function</b>	Binds specifically to phosphatidylinositol-3-phosphate (PtdIns3P), but not to other phosphoinositides.
<b>Tissue specificity</b>	Highly expressed in melanoma. Detected at low levels in heart, skeletal muscle, kidney, liver and small intestine.
<b>Sequence similarities</b>	Contains 1 PH domain.
<b>Cellular localization</b>	Cytoplasm. Membrane.

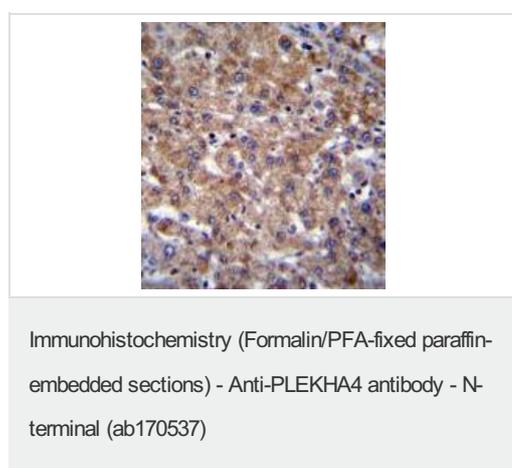
## Images



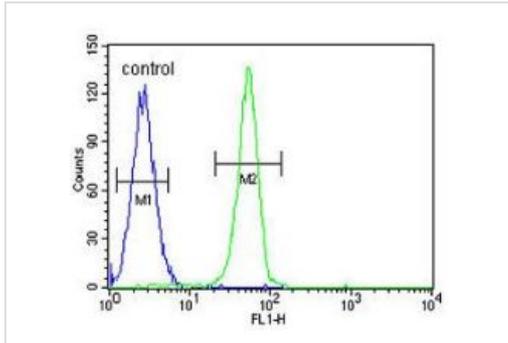
Anti-PLEKHA4 antibody - N-terminal (ab170537) at 1/100 dilution + K562 cell line lysate at 35 µg

Developed using the ECL technique.

**Predicted band size:** 85 kDa



Immunohistochemical analysis of formalin fixed, paraffin embedded Human liver tissue labeling PLEKHA4 with ab170537 at 1/10 dilution. Immunohistochemistry followed by peroxidase conjugation of the secondary antibody and DAB detection.



Flow Cytometry - Anti-PLEKHA4 antibody - N-terminal (ab170537)

Flow cytometric analysis of K562 cells (right histogram) labeling PLEKHA4 with ab170537 at 1/10 dilution, compared to a negative control cell (left histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.

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