

Product datasheet

Anti-Integrin alpha V antibody ab117611

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Overview

Product name	Anti-Integrin alpha V antibody
Description	Rabbit polyclonal to Integrin alpha V
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH corresponding to C terminal residues of Human Integrin alpha V (NP_002201.1).
Positive control	Human Placenta and Thyroid tissues; A549 cell extracts, treated with etoposide.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 0.88% Sodium chloride, 50% Glycerol Note: PBS (without Mg ²⁺ , Ca ²⁺)
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab117611** 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		1/500 - 1/1000. Predicted molecular weight: 116 kDa.
ELISA		1/10000.

Application	Abreviews	Notes
IHC-P	★★★★☆	Use a concentration of 5 µg/ml.

Target

Function

The alpha-V integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.

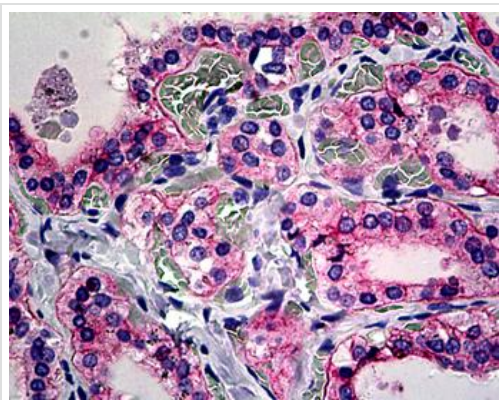
Sequence similarities

Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.

Cellular localization

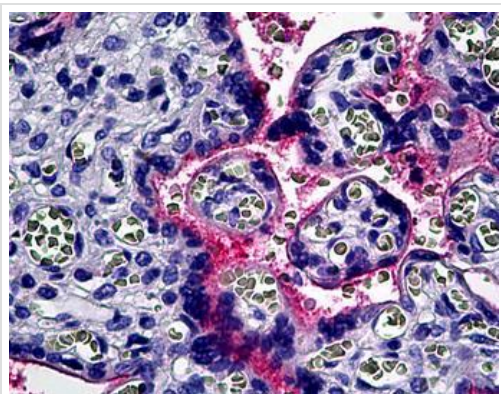
Membrane.

Images



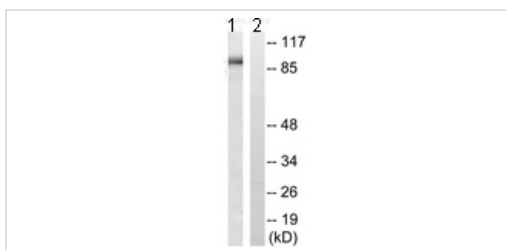
ab117611, at 5 µg/ml, staining Integrin alpha V in Formalin-fixed, Paraffin-embedded Human Thyroid tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Integrin alpha V antibody (ab117611)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Integrin alpha V antibody (ab117611)

ab117611, at 5 µg/ml, staining Integrin alpha V in Formalin-fixed, Paraffin-embedded Human Placenta tissue by Immunohistochemistry.



Western blot - Anti-Integrin alpha V antibody (ab117611)

All lanes : Anti-Integrin alpha V antibody (ab117611) at 1/500 dilution

Lane 1 : A549 cell extracts, treated with etoposide 25µM 1hr

Lane 2 : A549 cell extracts, treated with etoposide 25µM 1h with synthetic peptide

Predicted band size: 116 kDa

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