

For Research Use Only

Integrin Alpha 6 Polyclonal antibody



Catalog Number: 27189-1-AP

Featured Product

19 Publications

Basic Information

Catalog Number:

27189-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25835

GenBank Accession Number:

BC136456

GeneID (NCBI):

3655

UNIPROT ID:

P23229

Full Name:

integrin, alpha 6

Calculated MW:

1073 aa, 119 kDa

Observed MW:

110-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:500-1:2000

Applications

Tested Applications:

FC, IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, monkey, Hamster, bovine

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A549 cells, A431 cells, mouse skin tissue, rat lung tissue, HepG2 cells

IHC : mouse skin tissue, human kidney tissue, human colon tissue

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Li Wu	36184060	Vascul Pharmacol	IF
Yuka Mizuno	36311716	Front Immunol	WB
Tianyi Cheng	36336028	Exp Cell Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

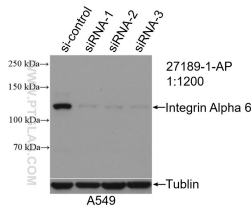
T: 4006900926

E: Proteintech-CN@ptglab.com

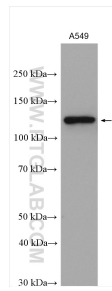
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



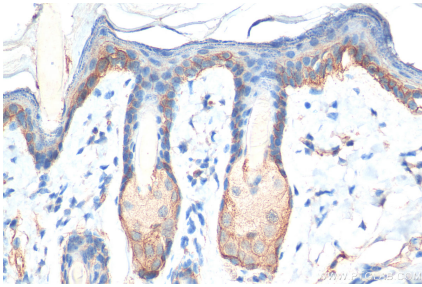
WB result of Integrin Alpha 6 antibody (27189-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-Integrin Alpha 6 transfected A549 cells.



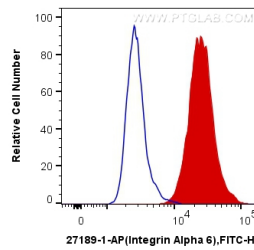
A549 cells were subjected to SDS PAGE followed by western blot with 27189-1-AP (Integrin alpha-6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 27189-1-AP (Integrin Alpha 6 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 27189-1-AP (Integrin Alpha 6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 A431 cells were intracellularly stained with 0.2 μ g Anti-Human Integrin Alpha 6 (27189-1-AP) and Coralite[®] 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).