

For Research Use Only

Integrin Alpha 5 Polyclonal antibody

Catalog Number: 27224-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

27224-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26098

GenBank Accession Number:

NM_002205

GeneID (NCBI):

3678

Full Name:

integrin, alpha 5 (fibronectin receptor, alpha polypeptide)

Calculated MW:

115 kDa

Observed MW:

135-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

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, HeLa cells, human placenta tissue, U2OS cells

IP : human placenta tissue,

IHC : human placenta tissue,

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------------|-----------|-----------------------|-------------|
| Pengcheng Zhou | 39099892 | Biomater Res | WB |
| Chuanpeng Zhang | 38355583 | Mol Cancer | WB |
| Beiyuan Hu | 36304515 | J Clin Transl Hepatol | IHC |

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

*** 20ul sizes contain 0.1% BSA

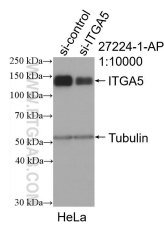
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

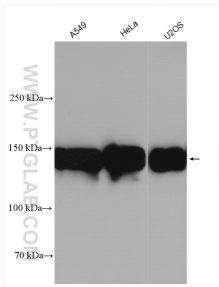
E: proteintech@ptglab.com
W: ptglab.com

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

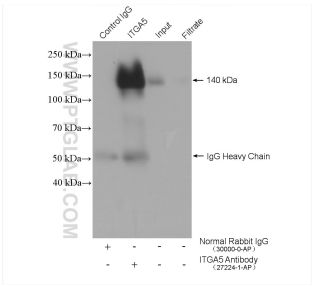
Selected Validation Data



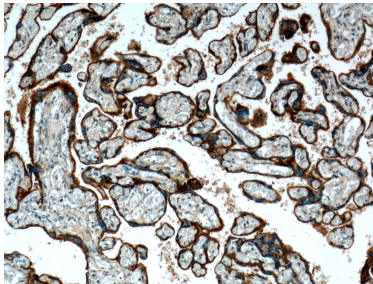
WB result of Integrin alpha-5 antibody (27224-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Integrin alpha-5 transfected HeLa cells.



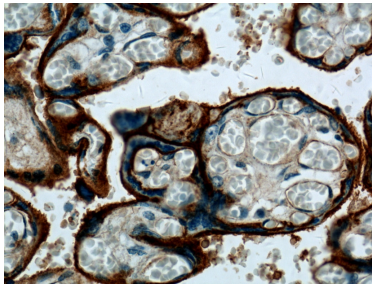
Various lysates were subjected to SDS PAGE followed by western blot with 27224-1-AP (Integrin alpha-5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-Integrin Alpha 5 (IP:27224-1-AP, 4ug; Detection:27224-1-AP 1:1000) with human placenta tissue lysate 2600 ug.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 27224-1-AP (Integrin alpha-5 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 27224-1-AP (Integrin alpha-5 antibody) at dilution of 1:200 (under 40x lens).