

For Research Use Only

ADAM5 Polyclonal antibody

Catalog Number: 22147-1-AP



Basic Information

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|--|---|---|
| Catalog Number: 22147-1-AP | GenBank Accession Number: BC067864 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 260 µg/ml by Nanodrop and 220 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 255926 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200 |
| Source: Rabbit | Full Name: ADAM metalloproteinase domain 5 pseudogene | |
| Isotype: IgG | Calculated MW: 412 aa, 47 kDa | |
| Immunogen Catalog Number: AG17590 | Observed MW: 36-50 kDa | |

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

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 : HeLa cells, MCF-7 cells

IHC : human testis tissue,

IF : HeLa cells,

Background Information

ADAM5 (putative disintegrin and metalloproteinase domain-containing protein 5) is also named as ADAM5P, TMDC2 (tMDCII). The tMDC II, abundantly expressed, sperm surface MDC proteins identified in rodent and macaque systems, is also nonfunctional in the human (PMID:10417343). It has 7 isoforms produced by alternative splicing. It is expressed in testis highly by northern blot. This antibody is specific to ADAM5.

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

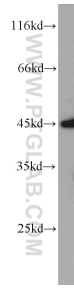
For technical support and original validation data for this product please contact:

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

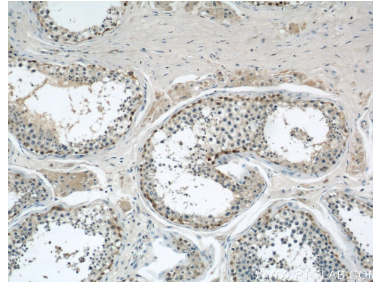
E: proteintech@ptglab.com
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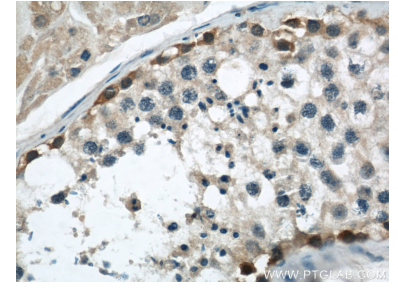
Selected Validation Data



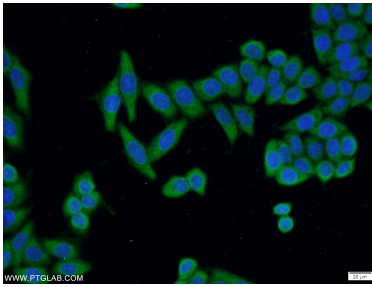
HeLa cells were subjected to SDS PAGE followed by western blot with 22147-1-AP (ADAM5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 22147-1-AP (ADAM5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 22147-1-AP (ADAM5 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 22147-1-AP (ADAM5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).