

For Research Use Only

ADAM5 Polyclonal antibody

Catalog Number: 22147-1-AP



Basic Information

Catalog Number: 22147-1-AP	GenBank Accession Number: BC067864	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 ug/ml by Nanodrop and 220 ug/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/ICC 1:200-1:800
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: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, MCF-7 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human testis tissue,
	IF/ICC : 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

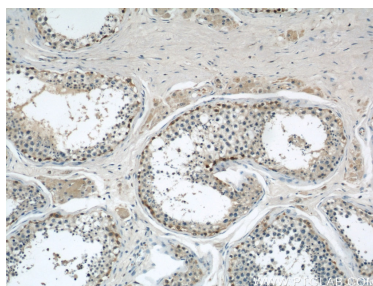
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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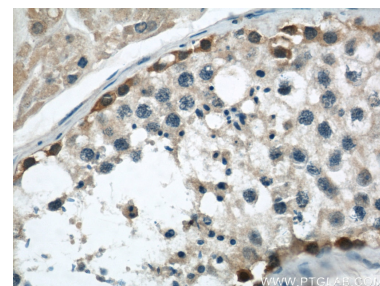
Selected Validation Data



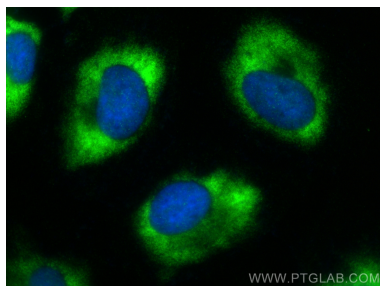
HeLa cells were subjected to SDS PAGE followed by western blot with 22147-1-AP (ADAM5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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 (-20°C Ethanol) fixed HeLa cells using ADAM5 antibody (22147-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).