

For Research Use Only

TEX15 Polyclonal antibody

Catalog Number: 24585-1-AP

2 Publications



Basic Information

Catalog Number:

24585-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20170

GenBank Accession Number:

BC141841

GeneID (NCBI):

56154

UNIPROT ID:

Q9BXT5

Full Name:

testis expressed 15

Calculated MW:

2789 aa, 315 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : rat testis tissue,

IP : PC-3 cells,

IHC : mouse testis tissue,

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

Background Information

TEX15 also named as Cancer/testis antigen 42 is a 2789 amino acid protein, which is expressed exclusively in testicular and cancerous tissues and may be involved in the development and metastasis of several different types of tumors. TEX15 exists as a 1279 amino acid protein in the mouse and rat testis. The molecular weight of mouse/rat TEX15 is 150 kDa (PMID: 26959739).

Notable Publications

Author	Pubmed ID	Journal	Application
Masood Abu-Halima	31056312	Fertil Steril	WB
Yu Fang	32199951	Toxicol Lett	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

*** 20ul sizes contain 0.1% BSA

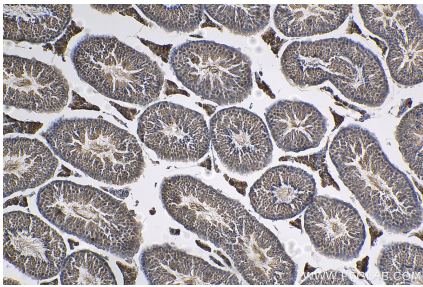
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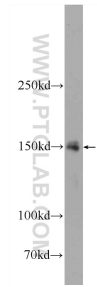
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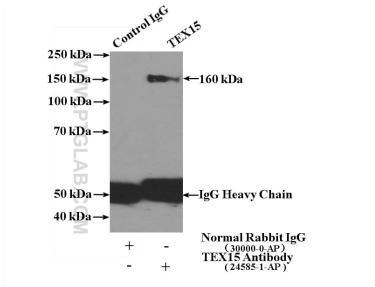
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24585-1-AP (TEX15 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



rat testis tissue were subjected to SDS PAGE followed by western blot with 24585-1-AP (TEX15 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-TEX15 (IP:24585-1-AP, 4ug; Detection:24585-1-AP 1:300) with PC-3 cells lysate 3200ug.