

For Research Use Only

POLR2D Polyclonal antibody

Catalog Number: 16093-1-AP

3 Publications



Basic Information

Catalog Number:

16093-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8701

GenBank Accession Number:

BC017205

GeneID (NCBI):

5433

UNIPROT ID:

O15514

Full Name:

polymerase (RNA) II (DNA directed)

polypeptide D

Calculated MW:

142 aa, 16 kDa

Observed MW:

16-20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

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: HeLa cells, rat skeletal muscle tissue, rat liver tissue, HepG2 cells, MCF-7 cells

IP: mouse heart tissue,

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

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanjun Li	36113479	Mol Cell	WB
Jiale Du	35451368	Elife	WB
Yuanjun Li	36924766	Mol Cell	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

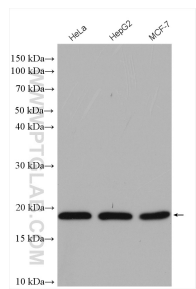
For technical support and original validation data for this product please contact:

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

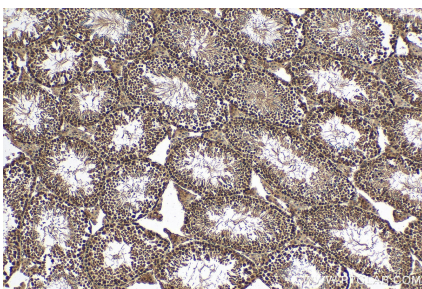
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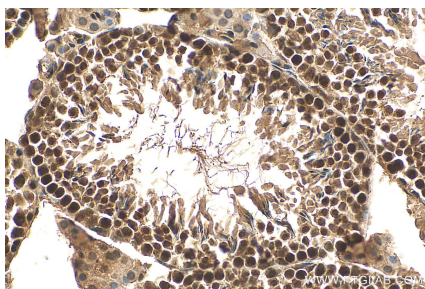
Selected Validation Data



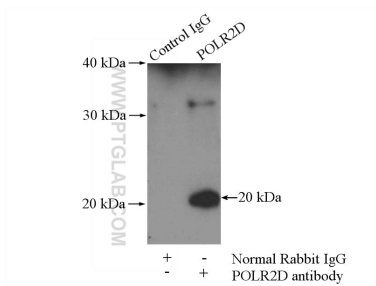
Various lysates were subjected to SDS PAGE followed by western blot with 16093-1-AP (POLR2D antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 16093-1-AP (POLR2D antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 16093-1-AP (POLR2D antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-POLR2D (IP:16093-1-AP, 4ug; Detection:16093-1-AP 1:800) with mouse heart tissue lysate 4000ug.