

For Research Use Only

POLR3G Polyclonal antibody

Catalog Number: 24701-1-AP **1 Publications**



Basic Information

Catalog Number:

24701-1-AP

Size:

150ul, Concentration: 1200 µg/ml by Nanodrop and 627 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19872

GenBank Accession Number:

BC141649

GeneID (NCBI):

10622

UNIPROT ID:

O15318

Full Name:

polymerase (RNA) III (DNA directed) polypeptide G (32kDa)

Calculated MW:

223 aa, 26 kDa

Observed MW:

26-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, HEK-293 cells, K-562 cells

IP : HeLa cells,

Background Information

POLR3G also named as RNA polymerase III subunit C7 is a 223 amino acid protein, which belongs to eukaryotic RPC7 RNA polymerase subunit family. The molecular weight of POLR3G is 26 kDa. POLR3G localizes in the nucleus and is a component of the RNA polymerase III complex, which may be involved either in the recruitment and stabilization of the subcomplex within RNA polymerase III, or in stimulating catalytic functions of other subunits during initiation.

Notable Publications

Author	Pubmed ID	Journal	Application
Aiko Iwata-Otsubo	38520561	Hum Genet	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

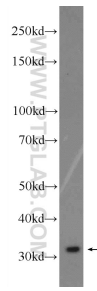
For technical support and original validation data for this product please contact:

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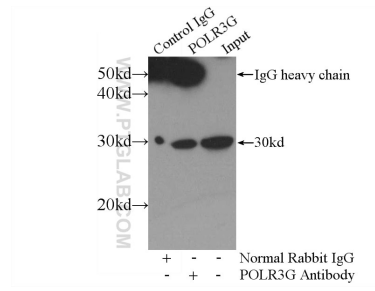
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 24701-1-AP (POLR3G Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-POLR3G (IP:24701-1-AP, 3ug; Detection:24701-1-AP 1:500) with HeLa cells lysate 2800ug.