

For Research Use Only

POLR3G Polyclonal ANTIBODY



Catalog Number: 24701-1-AP

Basic Information

Catalog Number:

24701-1-AP

Size:

150UL, Concentration: 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

Full Name:

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

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 IP and 1:500-1:1000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

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.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

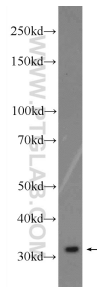
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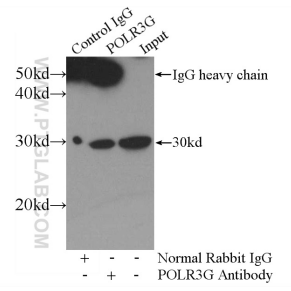
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W: ptglab.com

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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.