

For Research Use Only

POLR3G Polyclonal antibody

Catalog Number: 24701-1-AP



Basic Information

Catalog Number: 24701-1-AP	GenBank Accession Number: BC141649	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop and 627 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10622	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: polymerase (RNA) III (DNA directed) polypeptide G (32kD)	
Isotype: IgG	Calculated MW: 223 aa, 26 kDa	
Immunogen Catalog Number: AG19872	Observed MW: 26-30 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: human	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

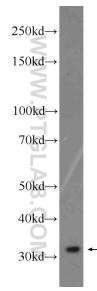
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

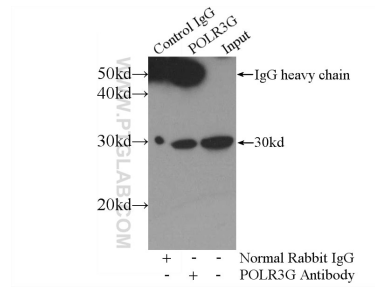
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 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.