

For Research Use Only

POLR3A Polyclonal antibody, PBS Only

Catalog Number: 28842-1-PBS



Basic Information

Catalog Number:

28842-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29036

GenBank Accession Number:

BC041089

GeneID (NCBI):

11128

UNIPROT ID:

O14802

Full Name:

polymerase (RNA) III (DNA directed)

polypeptide A, 155kDa

Calculated MW:

1390 aa, 156 kDa

Observed MW:

155 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

POLR3A encodes the largest subunit of human RNA polymerase III (RPC1), which contributes to the catalytic activity of Pol III and is part of the active centre of the polymerase. Pol III is responsible for the transcription of untranslated RNAs (PMID: 25339210). Bi-allelic missense variants in POLR3A have been associated with phenotypes distinct from WRS: hypogonadotropic hypogonadism and hypomyelinating leukodystrophy with or without oligodontia (PMID: 30414627).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

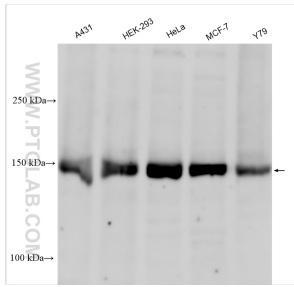
T: 4006900926

E: Proteintech-CN@ptglab.com

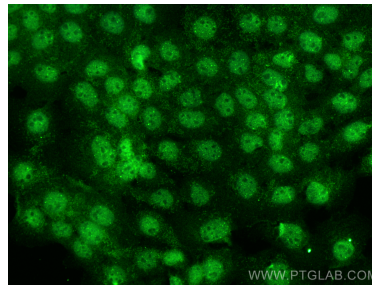
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28842-1-AP (POLR3A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28842-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using POLR3A antibody (28842-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 28842-1-PBS in a different storage buffer formulation.