

For Research Use Only

POLR3A Polyclonal antibody

Catalog Number: 28842-1-AP



Basic Information

Catalog Number:

28842-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop;

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

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, HEK-293 cells, HeLa cells, MCF-7 cells, Y79 cells

IF/ICC : A431 cells,

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 -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

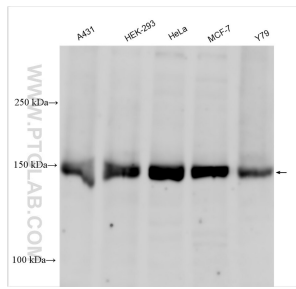
For technical support and original validation data for this product please contact:

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

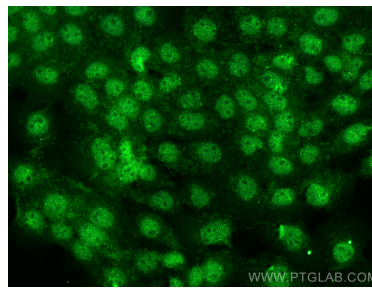
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



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).