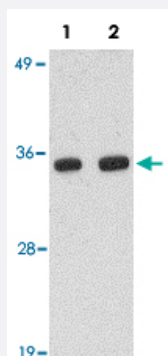


# POLR3F polyclonal antibody

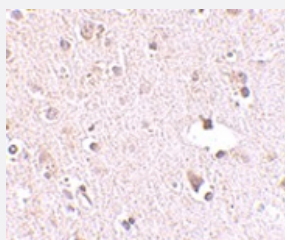
Catalog # PAB16541      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of POLR3F in human brain tissue lysate with POLR3F polyclonal antibody (Cat # PAB16541) at (Lane 1) 0.5 and (B) 1 ug/mL .



### Immunohistochemistry

Immunohistochemistry of POLR3F in human brain tissue with POLR3F polyclonal antibody (Cat # PAB16541) at 2.5 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of POLR3F.
<b>Immunogen</b>	A synthetic peptide corresponding to N-terminus 21 amino acids of human POLR3F.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of POLR3F in human brain tissue lysate with POLR3F polyclonal antibody (Cat # PAB16541) at (Lane 1) 0.5 and (B) 1 ug/mL .

- Immunohistochemistry

Immunohistochemistry of POLR3F in human brain tissue with POLR3F polyclonal antibody (Cat # PAB16541) at 2.5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — POLR3F

Entrez GeneID	<a href="#">10621</a>
Protein Accession#	<a href="#">CAC11110</a>
Gene Name	POLR3F
Gene Alias	MGC13517, RPC39, RPC6
Gene Description	polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). Unlike most of the other RNA Pol III subunits, the encoded protein is unique to this polymerase. [provided by RefSeq]
Other Designations	DNA-directed RNA polymerase III 39 kDa polypeptide F DNA-directed RNA polymerases III 39 kDa polypeptide OTTHUMP00000030359 RNA polymerase III C39 subunit

## Publication Reference

- [Identification of host proteins required for HIV infection through a functional genomic screen.](#)  
Brass AL, Dykxhoorn DM, Benita Y, Yan N, Engelman A, Xavier RJ, Lieberman J, Elledge SJ.  
Science 2008 Jan; 319(5865):921.
- [Spatial organization of transcription by RNA polymerase III.](#)  
Haeusler RA, Engelke DR.  
Nucleic Acids Research 2006 Sep; 34(17):4826.
- [Characterization of human RNA polymerase III identifies orthologues for Saccharomyces cerevisiae RNA polymerase III subunits.](#)  
Hu P, Wu S, Sun Y, Yuan CC, Kobayashi R, Myers MP, Hernandez N.  
Molecular and Cellular Biology 2002 Nov; 22(22):8044.

## Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA polymerase](#)

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)