

# POLR3D rabbit monoclonal antibody

Catalog # H00000661-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human POLR3D peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human POLR3D is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human POLR3D peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — POLR3D

Entrez GeneID	<a href="#">661</a>
GeneBank Accession#	<a href="#">POLR3D</a>
Gene Name	POLR3D
Gene Alias	BN51T, RPC4, RPC53, TSBN51
Gene Description	polymerase (RNA) III (DNA directed) polypeptide D, 44kDa
Omim ID	<a href="#">187280</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene complements a temperature-sensitive mutant isolated from the BHK-21 Syrian hamster cell line. It leads to a block in progression through the G1 phase of the cell cycle at nonpermissive temperatures. [provided by RefSeq]
Other Designations	BN51 (BHK21) temperature sensitivity complementing polymerase (RNA) III (DNA directed) polypeptide D temperature sensitive complementation, cell cycle specific, tsBN51

## Pathway

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