

# POLR2G rabbit monoclonal antibody

Catalog # H00005436-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human POLR2G peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human POLR2G 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 POLR2G 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 — POLR2G

Entrez GeneID	<a href="#">5436</a>
GeneBank Accession#	<a href="#">POLR2G</a>
Gene Name	POLR2G
Gene Alias	MGC138367, MGC138369, RPB7, hRPB19, hsRPB7
Gene Description	polymerase (RNA) II (DNA directed) polypeptide G
Omim ID	<a href="#">602013</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes the seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation. [provided by RefSeq]
Other Designations	DNA directed RNA polymerase II 19 kda polypeptide DNA directed RNA polymerase II polypeptide G RNA polymerase II seventh subunit

## Pathway

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