

POLR2I rabbit monoclonal antibody

Catalog # H00005438-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POLR2I peptide using ARM Technology.
Immunogen	A synthetic peptide of human POLR2I is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human POLR2I peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — POLR2I

Entrez GeneID	5438
GeneBank Accession#	POLR2I
Gene Name	POLR2I
Gene Alias	RPB9, hRPB14.5
Gene Description	polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa
Omim ID	180662
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit, in combination with two other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA. The product of this gene has two zinc finger motifs with conserved cysteines and the subunit does possess zinc binding activity. [provided by RefSeq]
Other Designations	DNA directed RNA polymerase II polypeptide I polymerase (RNA) II (DNA directed) polypeptide I (14.5kD)

Pathway

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