

POLR3K rabbit monoclonal antibody

Catalog # H00051728-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POLR3K peptide using ARM Technology.
Immunogen	A synthetic peptide of human POLR3K 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 POLR3K 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 — POLR3K

Entrez GeneID [51728](#)

GeneBank Accession# [POLR3K](#)

Gene Name POLR3K

Gene Alias C11, C11-RNP3, My010, RPC10, RPC11, hRPC11

Gene Description polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa

Omim ID [606007](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. [provided by RefSeq]

Other Designations DNA directed RNA polymerase III polypeptide K|RNA polymerase III subunit (hRPC11)|RNA polymerase III subunit CII

Pathway

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