POLR2D rabbit monoclonal antibody

Catalog # H00005433-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POLR2D peptide using ARM Technology.
Immunogen	A synthetic peptide of human POLR2D 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 POLR2D 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — POLR2D

Entrez GeneID	5433
GeneBank Accession#	POLR2D
Gene Name	POLR2D
Gene Alias	HSRBP4, HSRPB4, RBP4
Gene Description	polymerase (RNA) II (DNA directed) polypeptide D
Omim ID	606017
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible fo r synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A seq uence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript f rom this gene. [provided by RefSeq
Other Designations	DNA directed RNA polymerase II polypeptide D|RNA polymerase II subunit hsRBP4

Pathway

- Metabolic pathways
- Purine metabolism
- Pyrimidine metabolism
- RNA polymerase

Disease

- Urinary Bladder Neoplasms