CDC40 rabbit monoclonal antibody

Catalog # H00051362-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDC40 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDC40 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 CDC40 peptide by ELISA and mammalian transfected lysate by W estern 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 — CDC40

Entrez GeneID	51362
GeneBank Accession#	CDC40
Gene Name	CDC40
Gene Alias	EHB3, FLJ10564, MGC102802, PRP17, PRPF17
Gene Description	cell division cycle 40 homolog (S. cerevisiae)
Omim ID	605585
Gene Ontology	Hyperlink
Gene Summary	Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by this gene is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in th e spliceosome, and contains seven WD repeats, which function in protein-protein interactions. Thi s protein has a sequence similarity to yeast Prp17 protein, which functions in two different cellular processes: pre-mRNA splicing and cell cycle progression. It suggests that this protein may play a role in cell cycle progression. [provided by RefSeq
Other Designations	EH-binding protein 3|OTTHUMP00000016997|cell division cycle 40 homolog|pre-mRNA splicing factor 17

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease