ACD rabbit monoclonal antibody

Catalog # H00065057-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	65057
GeneBank Accession#	ACD
Gene Name	ACD
Gene Alias	PIP1, PTOP, TINT1, TPP1
Gene Description	adrenocortical dysplasia homolog (mouse)
Omim ID	609377
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is involved in telomere function. This protein is one of six core pr oteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length an d to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. Multiple transcript variants encoding different isoforms have been found for this gen e. This gene, which is also referred to as TPP1, is distinct from the unrelated TPP1 gene on chro mosome 11, which encodes tripeptidyl-peptidase I. [provided by RefSeq
Other Designations	POT1 and TIN2 organizing protein|TIN2 interacting protein 1|adrenocortical dysplasia homolog

Disease

- Adrenal Insufficiency
- Breast Neoplasms
- Esophageal Achalasia
- Genetic Predisposition to Disease
- Metabolism
- Neoplasm Metastasis
- Syndrome