CABYR rabbit monoclonal antibody

Catalog # H00026256-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	26256
GeneBank Accession#	CABYR
Gene Name	CABYR
Gene Alias	CBP86, FSP-2, FSP2, MGC9117
Gene Description	calcium binding tyrosine-(Y)-phosphorylation regulated
Gene Ontology	Hyperlink
Gene Summary	To reach fertilization competence, spermatozoa undergo a series of morphological and molecular maturational processes, termed capacitation, involving protein tyrosine phosphorylation and increased intracellular calcium. The protein encoded by this gene localizes to the principal piece of the sperm flagellum in association with the fibrous sheath and exhibits calcium-binding when phosphorylated during capacitation. A pseudogene on chromosome 3 has been identified for this gene. Transcript variants of this gene encode multiple protein isoforms. An additional transcript and isoform has not been fully characterized. [provided by RefSeq
Other Designations	OTTHUMP00000035470|calcium binding tyrosine-(Y)-phosphorylation regulated (fibrousheathin 2)|calcium-binding tyrosine phosphorylation-regulated protein|calcium-binding tyrosine-(Y)-phosphorylation regulated (fibrousheathin 2)|fibrousheathin 2|fibrousheath

Disease

- Tobacco Use Disorder