ACP2 rabbit monoclonal antibody

Catalog # H00000053-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACP2 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 ACP2 peptide by ELISA and mammalian transfected lysate by We stern 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

- ELISA

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- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — ACP2

Entrez GeneID	53
GeneBank Accession#	ACP2
Gene Name	ACP2
Gene Alias	-
Gene Description	acid phosphatase 2, lysosomal
Omim ID	171650
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the beta subunit of lysosomal acid phosphatase (LAP). LAP is chemically and genetically distinct from red cell acid phosphatase. The encoded protein belongs to a family of dis tinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Mutatio ns in this gene or in the related alpha subunit gene cause acid phosphatase deficiency. Multiple al ternatively spliced transcript variants encoding different isoforms have been identified for this gen e. [provided by RefSeq
Other Designations	-

Pathway

- gamma-Hexachlorocyclohexane degradation
- Lysosome
- Riboflavin metabolism

Disease

- Genetic Predisposition to Disease
- Prostatic Neoplasms

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- Supranuclear Palsy

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