ATPAF2 rabbit monoclonal antibody

Catalog # H00091647-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ATPAF2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ATPAF2 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 ATPAF2 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 — ATPAF2

Entrez GeneID	91647
GeneBank Accession#	ATPAF2
Gene Name	ATPAF2
Gene Alias	ATP12, ATP12p, LP3663, MGC29736
Gene Description	ATP synthase mitochondrial F1 complex assembly factor 2
Omim ID	604273 608918
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an assembly factor for the F(1) component of the mitochondrial ATP synthase. This protein binds specifically to the F1 alpha subunit and is thought to prevent this subunit from fo rming nonproductive homooligomers during enzyme assembly. This gene is located within the Sm ith-Magenis syndrome region on chromosome 17. An alternatively spliced transcript variant has b een described, but its biological validity has not been determined. [provided by RefSeq
Other Designations	-

Disease

- Alzheimer Disease
- Dementia
- Genetic Predisposition to Disease