WFS1 rabbit monoclonal antibody

Catalog # H00007466-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WFS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human WFS1 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 WFS1 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

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — WFS1

Entrez GeneID	7466
GeneBank Accession#	WFS1
Gene Name	WFS1
Gene Alias	DFNA14, DFNA38, DFNA6, DIDMOAD, WFRS, WFS, WOLFRAMIN
Gene Description	Wolfram syndrome 1 (wolframin)
Omim ID	222300 600965 606201
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transmembrane protein, which is located primarily in the endoplasmic reticulum and ubiquitously expressed with highest levels in brain, pancreas, heart, and insulinoma beta-cell lines. Mutations in this gene are associated with Wolfram syndrome, also called DIDMOAD (Diabetes Insipidus, Diabetes Mellitus, Optic Atrophy, and Deafness), an autosomal recessive disorder. The disease affects the brain and central nervous system. Mutations in this gene can also cause autosomal dominant deafness 6 (DFNA6), also known as DFNA14 or DFNA38. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000115499|wolframin

Disease

- Asperger Syndrome
- Autistic Disorder
- Bipolar Disorder
- Birth Weight
- Carcinoma
- Cardiovascular Diseases
- Deafness
- Diabetes

- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glucose Intolerance
- Glucose Metabolism Disorders
- Headache
- Hearing Loss
- HIV Infections
- Hyperinsulinism
- Insulin Resistance
- Kidney Failure
- Mood Disorders
- Obesity
- Parkinson disease
- Prediabetic State
- Prostatic Neoplasms
- Social Perception
- Weight Gain
- Wolfram Syndrome