

RARS2 rabbit monoclonal antibody

Catalog # H00057038-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RARS2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RARS2 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 RARS2 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 — RARS2

Entrez GeneID	57038
GeneBank Accession#	RARS2
Gene Name	RARS2
Gene Alias	ArgRS, DALRD2, MGC14993, MGC23778, PCH6, PRO1992, RARSL, dJ382I10.6
Gene Description	arginyl-tRNA synthetase 2, mitochondrial
Omim ID	611523 611524
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an arginyl-tRNA synthetase that is found in the mitochondrial matrix. Defects in this gene are a cause of pontocerebellar hypoplasia type 6 (PCH6). [provided by RefSeq]
Other Designations	OTTHUMP00000016833 arginine-tRNA ligase arginyl-tRNA synthetase-like

Pathway

- [Aminoacyl-tRNA biosynthesis](#)