

SEPHS1 rabbit monoclonal antibody

Catalog # H00022929-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SEPHS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SEPHS1 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 SEPHS1 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 — SEPHS1

Entrez GeneID	22929
GeneBank Accession#	SEPHS1
Gene Name	SEPHS1
Gene Alias	MGC4980, SELD, SPS, SPS1
Gene Description	selenophosphate synthetase 1
Omim ID	600902
Gene Ontology	Hyperlink
Gene Summary	This protein encodes an enzyme that synthesizes selenophosphate from selenide and ATP. Selenophosphate is the selenium donor used to synthesize selenocysteine, which is co-translationally incorporated into selenoproteins at in-frame UGA codons. [provided by RefSeq]
Other Designations	OTTHUMP00000019139[selenide, water dikinase 1][selenium donor protein][selenophosphate synthase]

Pathway

- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)