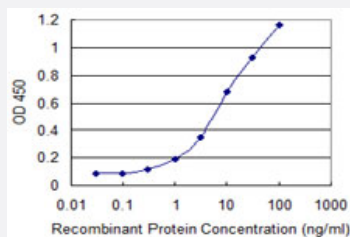


SEPHS1 monoclonal antibody (M01), clone 4D3-6A2

Catalog # H00022929-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SEPHS1 is 0.1 ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant SEPHS1.

Immunogen

SEPHS1 (AAH00941, 1 a.a. ~ 392 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MSTRESFNPESYELDKSFRLTRFTELKGTGCKVPQDVLQKLLESLQENHFQEDEQFLGAVMPRL
GIGMDTCVIPLRHGGLSLVQTTDYYPVDDPYMMGRIACANVLSDLYAMGVTECDNMLMLLGVS
KMTDRERDKVMPLIQGFKDAAEEAGTSVTGGQTVLNPWVLGGVATTVCQPNEFIMPDNAVPGD
VLVLTKPLGTQVAVAVHQWLDIPEKWNKIKLVVTQEDVELAYQEAMMNMARLNRTAAGLMHTFN
AHAATDITGFGILGHAQNLAKQQRNEVSFVIHNLPLVAKMAAVSKACGNMFGMLMHGTCPETSGGL
LICLPREQAARFCAEIKSPKYGEGHQAWIIGVEKGNRTARIIDKPRIEVAPQVATQNVNPTPGATS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Isotype

IgG

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SEPHS1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SEPHS1

Entrez GeneID[22929](#)**GeneBank Accession#**[BC000941](#)**Protein Accession#**[AAH00941](#)**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](#)