

Datasheet for ABIN2783485  
**anti-SEPHS1 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	SEPHS1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Rabbit, Dog, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEPHS1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SEPHS1
Sequence:	PKYGEGHQAW IIGIVEKGNR TARIIDKPRI IEVAPQVATQ NVNPTPGATS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against SEPHS1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	SEPHS1
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## Target Details

Alternative Name:	SEPHS1 ( <a href="#">SEPHS1 Products</a> )
Background:	<p>SEPHS1 is 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. 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.</p> <p>Alias Symbols: MGC4980, SELD, SPS, SPS1</p> <p>Protein Interaction Partner: QRIC1, SEPHS1, ZBTB25, UBC, PFAS, GART, PIPSL, WDR12, PPIL3, HYPK, XPO7, AHCYL1, PUM1, COPS2, TPD52, CUL3, ELAVL1, C9orf9, SLC35F6, IGSF21, C14orf1, UNC119, CRMP1, GBP2, SAT1,</p> <p>Protein Size: 392</p>
Molecular Weight:	43 kDa
Gene ID:	22929
NCBI Accession:	<a href="#">NM_012247</a> , <a href="#">NP_036379</a>
UniProt:	<a href="#">P49903</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 392 AA
Restrictions:	For Research Use only

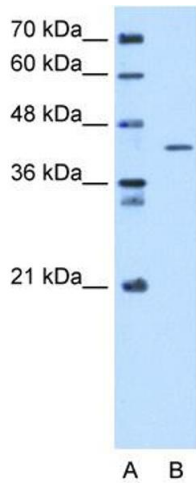
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-SEPHS1 Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate SEPHS1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells