

# SEPSECS Rabbit Polyclonal Antibody



CAB7103

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

56kDa

### Calculated MW:

5kDa/55kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

The amino acid selenocysteine is the only amino acid that does not have its own tRNA synthetase. Instead, this amino acid is synthesized on its cognate tRNA in a three step process. The protein encoded by this gene catalyzes the third step in the process, the conversion of O-phosphoseryl-tRNA(Sec) to selenocysteinyl-tRNA(Sec).

## Immunogen information

### Gene ID:

51091

### Uniprot

Q9HD40

### Synonyms:

SEPSECS; LP; PCH2D; SLA; SLA/LP

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

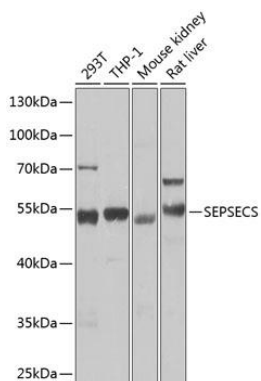
Recombinant fusion protein containing a sequence corresponding to amino acids 222-501 of human SEPSECS (NP\_058651.3).

### Storage:

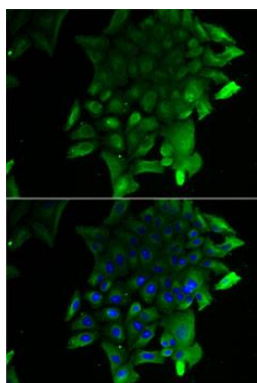
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using SEPSECS Antibody (CAB7103) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.



Immunofluorescence analysis of U2OS cells using SEPSECS antibody (CAB7103). Blue: DAPI for nuclear staining.