

# SEPSECS Rabbit pAb

Catalog No.: A7103

1 Publications

## Basic Information

### Observed MW

56kDa

### Calculated MW

56kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## 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).

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

## Immunogen Information

### Gene ID

51091

### Swiss Prot

Q9HD40

### Immunogen

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

### Synonyms

LP; SLA; SecS; PCH2D; SLA/LP; SLA-p35; SEPSECS

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

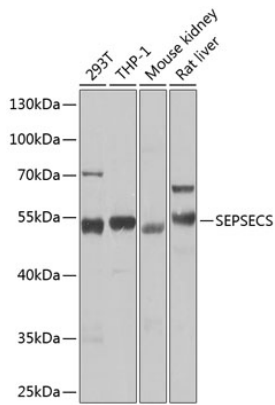
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

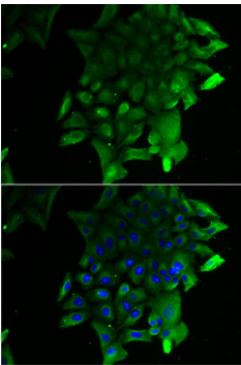
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using SEPSECS Antibody (A7103) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3s.



Immunofluorescence analysis of U2OS cells using SEPSECS antibody (A7103). Blue: DAPI for nuclear staining.