Datasheet for ABIN391279

# anti-SEPSH2 antibody (AA 171-201)

2 Images

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## Overview

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|---|---|
| Quantity: | 400 µL |
| Target: | SEPSH2 |
| Binding Specificity: | AA 171-201 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SEPSH2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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|---|---|
| Immunogen: | This SEPSH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171-201 amino acids from the Central region of human SEPSH2. |
| Clone: | RB5623 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

## Target Details

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|---|---|
| Target: | SEPSH2 |
| Alternative Name: | SEPSH2 (SEPSH2 Products) |

## Target Details

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| Background: | 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. This protein itself contains a selenocysteine residue in its predicted active site. The 3' UTR of the gene has a stem-loop secondary structure called a selenocysteine insertion sequence (SECIS) element, which allows UGA to direct the incorporation of selenocysteine rather than signal a translational stop. |
| Molecular Weight: | 47305 |
| Gene ID: | 22928 |
| NCBI Accession: | NP_036380 |
| UniProt: | Q99611 |

## Application Details

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|---|---|
| Application Notes: | WB: 1:1000. IHC-P: 1:50~100 |
| Restrictions: | For Research Use only |

## Handling

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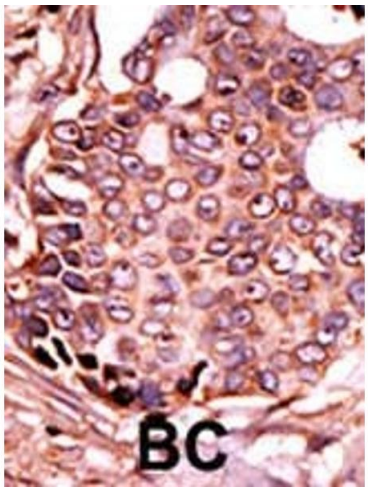
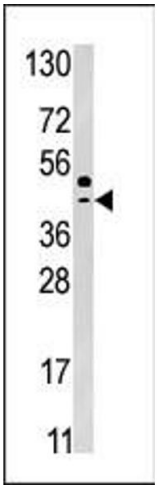
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |




## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.




## Western Blotting

**Image 2.** Western blot analysis of anti-SEPSH2 Pab (ABIN391279 and ABIN2841326) in HepG2 cell line lysate (35 µg/lane). SEPSH2(arrow) was detected using the purified Pab.