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## Datasheet for ABIN7465524 **anti-DCPS antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | DCPS   |
| Reactivity:  | Human  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This DCPS antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human DCPS. The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Purified by antigen-affinity chromatography.   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | DCPS  |
| Alternative Name: | decapping enzyme, scavenger ( <a href="#">DCPS Products</a> )   |
| Background:       | Decapping enzyme, scavenger , ARS , DCS1 , HINT-5 , HINT5 , HSL1 , HSPC015,Necessary for the complete degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA fragments shorter than |

## Target Details

|                   |   |
|-------------------|---|
|                   | 10 nucleotides that are produced by 3'->5' exonuclease-mediated mRNA decay. Releases m7GMP. Can also degrade m7GDP to m7GMP. Has no activity towards mRNA molecules longer than 25 nucleotides. |
| Molecular Weight: | 39 kDa  |
| Gene ID:          | 28960   |
| UniProt:          | <a href="#">Q96C86</a>  |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment:           | Positive Control: A549  |
| Restrictions:      | For Research Use only   |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal  |
| Preservative:      | Thimerosal (Merthiolate)   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |