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## Datasheet for ABIN7469619 **anti-STRADB antibody (C-Term)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | STRADB   |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This STRADB antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human ALS2CR2. The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Purified by antigen-affinity chromatography.   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | STRADB                                      |
| Alternative Name: | ALS2CR2 ( <a href="#">STRADB Products</a> ) |

## Target Details

|                   |  |
|-------------------|--|
| Background:       | <p>Synonyms: STE20 related adaptor beta , ALS2CR2 , CALS-21 , ILPIP , ILPIPA , PAPK , PRO1038</p> <p>Background: This gene encodes a protein that belongs to the serine/threonine protein kinase STE20 subfamily. One of the active site residues in the protein kinase domain of this protein is altered, and it is thus a pseudokinase. This protein is a component of a complex involved in the activation of serine/threonine kinase 11, a master kinase that regulates cell polarity and energy-generating metabolism. This complex regulates the relocation of this kinase from the nucleus to the cytoplasm, and it is essential for G1 cell cycle arrest mediated by this kinase. The protein encoded by this gene can also interact with the X chromosome-linked inhibitor of apoptosis protein, and this interaction enhances the anti-apoptotic activity of this protein via the JNK1 signal transduction pathway. Two pseudogenes, located on chromosomes 1 and 7, have been found for this gene. [provided by RefSeq]</p> |
| Molecular Weight: | 47 kDa   |
| Gene ID:          | 55437  |
| UniProt:          | <a href="#">Q9C0K7</a>   |
| Pathways:         | <a href="#">AMPK Signaling</a>   |

## Application Details

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

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1.03 mg/mL   |
| Buffer:            | 0.1M Tris-Glycine ( pH 7), 10 % 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                                   |

## Handling

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(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.