

Datasheet for ABIN391735

## anti-Cyclin-Dependent Kinase 15 (ALS2CR7) (AA 49-78), (N-Term) antibody



[Go to Product page](#)

### 1 Image

#### Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 400 µL                               |
| Target:              | Cyclin-Dependent Kinase 15 (ALS2CR7) |
| Binding Specificity: | AA 49-78, N-Term                     |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | Un-conjugated                        |
| Application:         | Western Blotting (WB)                |

#### Product Details

|               |  |
|---------------|--|
| Immunogen:    | This ALS2CR7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-78 amino acids from the N-terminal region of human ALS2CR7. |
| Clone:        | RB3181   |
| Isotype:      | Ig Fraction  |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

#### Target Details

|                   |   |
|-------------------|---|
| Target:           | Cyclin-Dependent Kinase 15 (ALS2CR7)  |
| Alternative Name: | ALS2CR7 ( <a href="#">ALS2CR7 Products</a> )  |
| Background:       | Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, |

## Target Details

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generally the  $\gamma$  phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.

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Molecular Weight: 49023

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Gene ID: 65061

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NCBI Accession: [NP\\_001248364](#), [NP\\_001248365](#), [NP\\_631897](#)

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UniProt: [Q96Q40](#)

## Application Details

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Application Notes: WB: 1:1000

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.

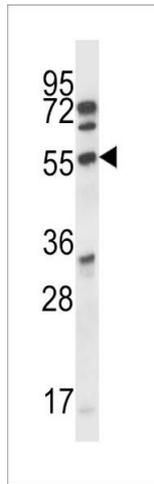
Preservative: Sodium azide

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



### Western Blotting

**Image 1.** ALS2CR7 Antibody (R13) (ABIN391735 and ABIN2841617) western blot analysis in cell line lysates (35  $\mu$ g/lane). This demonstrates the ALS2CR7 antibody detected the ALS2CR7 protein (arrow).