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Datasheet for ABIN7148652

## anti-Coxsackie Adenovirus Receptor antibody (AA 259-365) (HRP)

### Overview

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| Quantity:            | 100 µg                                                           |
| Target:              | Coxsackie Adenovirus Receptor (CXADR)                            |
| Binding Specificity: | AA 259-365                                                       |
| Reactivity:          | Human                                                            |
| Host:                | Rabbit                                                           |
| Clonality:           | Polyclonal                                                       |
| Conjugate:           | This Coxsackie Adenovirus Receptor antibody is conjugated to HRP |
| Application:         | ELISA                                                            |

### Product Details

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| Immunogen:        | Recombinant Human Coxsackievirus and adenovirus receptor protein (259-365AA) |
| Isotype:          | IgG                                                                          |
| Cross-Reactivity: | Human                                                                        |
| Purification:     | >95%, Protein G purified                                                     |

### Target Details

|                   |                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Coxsackie Adenovirus Receptor (CXADR)                                                                                                                                                     |
| Alternative Name: | CXADR ( <a href="#">CXADR Products</a> )                                                                                                                                                  |
| Background:       | Background: Component of the epithelial apical junction complex that may function as an homophilic cell adhesion molecule and is essential for tight junction integrity. Also involved in |

## Target Details

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transepithelial migration of leukocytes through adhesive interactions with AMICA1/JAML a transmembrane protein of the plasma membrane of leukocytes. The interaction between both receptors also mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, AMICA1 induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and production of cytokines and growth factors by T-cells that in turn stimulate epithelial tissues repair.

Aliases: 46 kD coxsackievirus and adenovirus receptor CAR protein antibody, 46 kD coxsackievirus and adenovirus receptor protein antibody, CAR antibody, CAR4/6 antibody, Coxsackie virus and adenovirus receptor antibody, Coxsackie virus B receptor antibody, Coxsackievirus and adenovirus receptor antibody, Coxsackievirus B adenovirus receptor antibody, Coxsackievirus B-adenovirus receptor antibody, CVB3 binding protein antibody, CVB3-binding protein antibody, Cxadr antibody, CXADR Ig like cell adhesion molecule antibody, CXAR\_HUMAN antibody, hCAR antibody, HCVADR antibody

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UniProt: [P78310](#)

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Pathways: [Cell-Cell Junction Organization](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.