

## Rabbit CXADR Polyclonal Antibody | anti-CXADR antibody

Rabbit Polyclonal (IgG) to Human CXADR

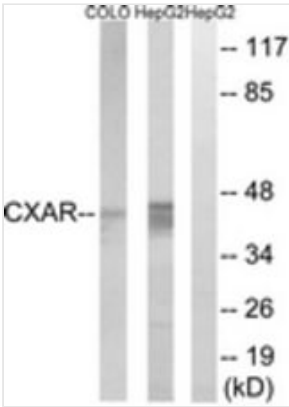
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA52391  | Rabbit | Human, Mouse, Rat | ELISA, Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

CXADR; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human CXADR; Anti-CXADR Antibody (aa1-50) IHC-plus; CAR4/6; Coxsackie-adenovirus receptor; CVB3-binding protein; CAR; HCAR; HCVADR; Human CXADR; anti-CXADR antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                        |
| Reactivity                                      | Human, Mouse, Rat                                                                             |
| Clonality                                       | Polyclonal                                                                                    |
| Isotype                                         | IgG                                                                                           |
| Specificity                                     | CXADR Antibody detects endogenous levels of total CXADR protein.                              |
| Purity/Purification                             | Immunoaffinity Purified                                                                       |
| Form/Format                                     | PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol    |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                       |
| Sequence Length                                 | 365                                                                                           |
| Applicable Applications for anti-CXADR antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                          |
| Target Species                                  | Human                                                                                         |
| Immunogen Description                           | Synthetic peptide from human CXADR (aa1-50).                                                  |
| Immunogen                                       | CXADR antibody was raised against synthetic peptide from human CXADR (aa1-50).                |
| Antigen Modification                            | aa1-50                                                                                        |
| Preparation and Storage                         | Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. |



**IHC (Immunohistochemistry)**  
Anti-CXADR antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**WB (Western Blot)**  
Western blot of extracts from HepG2/COLO cells, using CXADR Antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CXADR antibody | The Coxsackievirus and adenovirus receptor (CAR) is a membrane glycoprotein with a cytoplasmic domain, a transmembrane domain and an extracellular region consisting of two immunoglobulin-like domains, an amino-terminal immunoglobulin variable (IgV)-related domain (D1), which is distal to the cell surface, and a proximal IgC2 domain (D2). The Coxsackievirus and adenovirus receptor has been shown to exhibit tumor suppression activity in human bladder and prostate cancer cells. |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4503173                                                                                                                                                                |
| NCBI GeneID                      | 1525                                                                                                                                                                   |
| NCBI Accession #                 | NP_001329.1                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_001338.4                                                                                                                                                            |
| UniProt Accession #              | P78310; O00694; Q8WWT6; Q8WWT7; Q8WWT8; Q9UKV4; B2R8V8; B7WPI3; D3YHP0                                                                                                 |
| Molecular Weight                 | 35,570 Da                                                                                                                                                              |
| NCBI Official Full Name          | coxsackievirus and adenovirus receptor isoform 1                                                                                                                       |
| NCBI Official Synonym Full Names | coxsackie virus and adenovirus receptor                                                                                                                                |
| NCBI Official Symbol             | CXADR                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | CAR; HCAR; CAR4/6                                                                                                                                                      |
| NCBI Protein Information         | coxsackievirus and adenovirus receptor; HCVADR; CVB3-binding protein; coxsackievirus B-adenovirus receptor; 46 kD coxsackievirus and adenovirus receptor (CAR) protein |
| UniProt Protein Name             | Coxsackievirus and adenovirus receptor                                                                                                                                 |
| UniProt Gene Name                | CXADR                                                                                                                                                                  |
| UniProt Synonym Gene Names       | CAR; CAR; hCAR                                                                                                                                                         |
| UniProt Entry Name               | CXAR_HUMAN                                                                                                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.