Rabbit anti-Human CAR Polyclonal Antibody | anti-CAR antibody

Rabbit anti-CAR Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212044	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

CAR; Polyclonal Antibody; Rabbit anti-CAR Antibody; Affinity Purified; HCAR; CVB3-binding protein; coxsackievirus B-adenovirus receptor; coxsackievirus and adenovirus receptor; CAR4/6; HCVADR; 46 kD coxsackievirus and adenovirus receptor (CAR) protein; coxsackie virus and adenovirus receptor; Coxsackievirus and adenovirus receptor; CXADR; Ig-like cell adhesion molecule; anti-CAR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CAR antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 315 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human CAR by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CAR antibody AAA212044 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. CAR was also immunoprecipitated by rabbit anti-CAR antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

IHC (Immunohistochemistry)
Detection of human CAR by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-CAR (Cat. No. AAA212044 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate

ADDITIONAL INFORMATION

Related Product Information for anti-CAR antibody	Coxsackievirus and adenovirus receptor (CAR) is a component of the epithelial apical junction complex that is essential for the integrity of tight junctions. CAR is proposed to function as a homophilic cell adhesion molecule. It is also thought to be involved in transepithelial migration of polymorphonuclear leukocytes (PMN) through adhesive interactions with AMICA1/JAML located in the plasma membrane of PMN [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P78310].

Product Categories/Family for anti-CAR antibody	Primary Antibodies

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/car-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212044