

Rabbit anti-Mouse CAR/CXADR Polyclonal Antibody | anti-CXADR antibody

Anti-CAR/CXADR Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257055	Rabbit	Mouse	Immunohistochemistry, ELISA

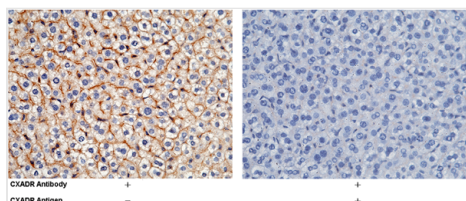
PRODUCT SYNONYMS

CAR/CXADR; Polyclonal Antibody; Anti-CAR/CXADR Antibody; Rabbit Polyclonal; CXADR Antibody; Rabbit PAb; Antigen Affinity Purified; coxsackie virus and adenovirus receptor; Anti-2610206D03Rik Antibody; Anti-AU016810 Antibody; Anti-AW553441 Antibody; Anti-CAR Antibody; Anti-MCAR Antibody; Anti-MCVADR Antibody; anti-CXADR antibody

PRODUCT SPECIFICATIONS

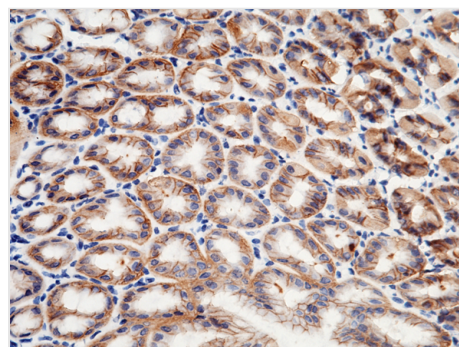
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CXADR
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CXADR antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse CXADR protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CXADR (rM CXADR). CXADR specific IgG was purified by Mouse CXADR affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse CXADR in mouse liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).



IHC (Immunohistochemistry)

Immunochemical staining of mouse CXADR in mouse stomach with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CXADR antibody	CXADR (coxsackie virus and adenovirus receptor), also known as CAR, is a type I transmembrane glycoprotein belonging to the CTX family of the Ig superfamily, and is essential for normal cardiac development in the mouse. Proposed as a homophilic cell adhesion molecule, CXADR is a component of the epithelial apical junction complex that is essential for the tight junction integrity, and probably involved in transepithelial migration of polymorphonuclear leukocytes (PMN). Mature mouse CXADR structrually comprises a 218 aa extracellular domain (ECD) with a V-type (D1) and a C2-type (D2) Ig-like domain, a 21 aa transmembrane segment and a 17 aa intracellular domain, among which, D1 is thought to be responsible for homodimer formation in trans within tight junctions. The ECD of mouse CXADR shares 97%, 9% sequence identity with the corresponding regions of rat, human CXADR.
References	Tomko, R.P. et al., 1997, Proc. Natl. Acad. Sci. U.S.A. 94 (7): 3352-3356. van Raaij, M.J. et al., 2001, Structure. 8 (11): 1147-1155. Cohen, C.J. et al., 2001, J. Biol. Chem. 276 (27): 25392-25398. Carson, S.D. et al., 2002, Rev. Med. Virol. 11 (4): 219-226. Selinka, H.C. et al., 2004, Med. Microbiol. Immunol. 193 (2-3): 127-131. Philipson, L. et al., 2004, Curr. Top. Microbiol. Immunol. 273:87-111. Raschperger, E. et al., 2006, Exp. Cell Res. 312: 1566-1580.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68510034
NCBI GeneID	13052
NCBI Accession #	NP_001020363.1
NCBI GenBank Nucleotide #	NM_001025192.3
UniProt Accession #	P97792; O09052; Q3ULD0; Q91W66; Q99KG0; Q9DBJ8
Molecular Weight	17,781 Da
NCBI Official Full Name	coxsackievirus and adenovirus receptor homolog isoform a
NCBI Official Synonym Full Names	coxsackie virus and adenovirus receptor
NCBI Official Symbol	Cxadr
NCBI Official Synonym Symbols	CAR; MCVADR; AU016810; AW553441; 2610206D03Rik
NCBI Protein Information	coxsackievirus and adenovirus receptor homolog
UniProt Protein Name	Coxsackievirus and adenovirus receptor homolog
UniProt Gene Name	Cxadr
UniProt Synonym Gene Names	Car; CAR; mCAR

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-cxadr-antibody-immunohistochemistry-elisa/257055>