

Rabbit anti-Human, Mouse CARMIL2 Polyclonal Antibody | anti-CARMIL2 antibody

Rabbit anti-CARMIL2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213445	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

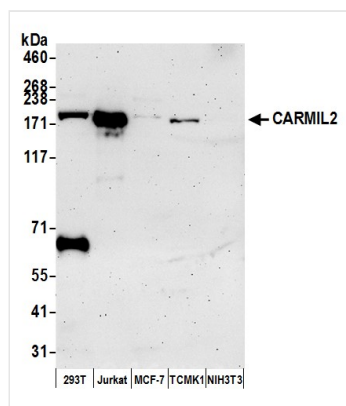
PRODUCT SYNONYMS

CARMIL2; Polyclonal Antibody; Rabbit anti-CARMIL2 Antibody; Affinity Purified; F-actin-uncapping protein RLTPR; RGD; leucine-rich repeat; tropomodulin and proline-rich-containing protein; tropomodulin and proline-rich containing protein; RGD motif; leucine rich repeats; tropomodulin domain and proline-rich containing; LRRC16C; leucine-rich repeat-containing protein 16C; IMD58; RLTPR; CARMIL2b; capping protein; Arp2/3 and myosin-I linker protein 2; Capping protein regulator and myosin 1 linker 2; leucine rich repeat containing 16C; capping protein regulator and myosin 1 linker 2; anti-CARMIL2 antibody

PRODUCT SPECIFICATIONS

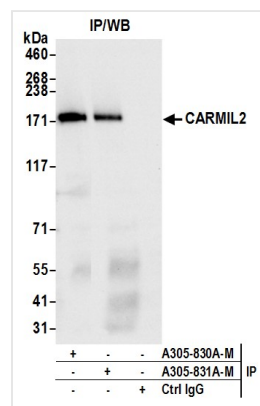
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CARMIL2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1385 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 and mouse CARMIL2 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, MCF-7, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CARMIL2 antibody (AAA213445 lot 1) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CARMIL2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CARMIL2 antibody (AAA213445 lot 1) used for IP at 1 ug per reaction. CARMIL2 was also immunoprecipitated by rabbit anti-CARMIL2 antibody For blotting immunoprecipitated CARMIL2, AAA213445 was used at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CARMIL2 antibody	Cell membrane-cytoskeleton-associated protein that plays a role in the regulation of actin polymerization at the barbed end of actin filaments. Prevents F-actin heterodimeric capping protein (CP) activity at the leading edges of migrating cells, and hence generates uncapped barbed ends and enhances actin polymerization. Plays a role in cell protrusion formations; involved in cell polarity, lamellipodial assembly, membrane ruffling and macropinosome formations. Involved as well in cell migration and invadopodia formation during wound healing. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q6F5E8].
Product Categories/Family for anti-CARMIL2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	146206
UniProt Accession #	Q6F5E8
UniProt Protein Name	Leucine-rich repeat-containing protein 16C
UniProt Gene Name	RLTPR
UniProt Synonym Gene Names	CARMIL2b; LRRC16C
UniProt Entry Name	LR16C_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/carmil2-antibody-immunoprecipitation-western-blot-elisa/213445>