

PACO62483

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IP:1:200-1:2000

Protein Background:

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.

Gene ID:

CARMIL2

Uniprot

Q6F5E8

Synonyms:

Capping protein, Arp2/3 and myosin-I linker protein 2 (Capping protein regulator and myosin 1 linker 2) (F-actin-uncapping protein RLTPR) (Leucine-rich repeat-containing protein 16C) (RGD, leucine-rich repeat, tropomodulin and proline-rich-containing protein), CARMIL2, LRRC16C RLTPR

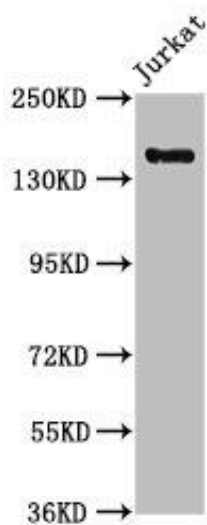
Immunogen:

Recombinant Human Capping protein, Arp2/3 and myosin-I linker protein 2 protein (1136-1290AA).

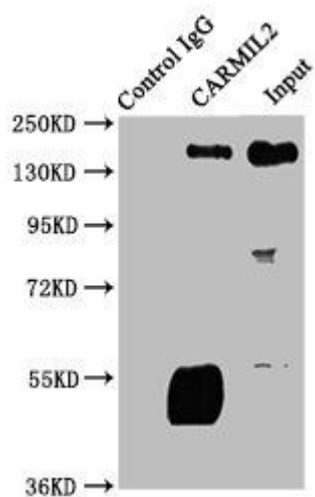
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in: Jurkat whole cell lysate. All lanes: CARMIL2 antibody at 1:1000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 155, 149 kDa. Observed band size: 155 kDa.



Immunoprecipitating CARMIL2 in Jurkat whole cell lysate. Lane 1: Rabbit control IgG instead of PACO62483 in Jurkat whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: PACO62483 (6 μ g) + Jurkat whole cell lysate (500 μ g). Lane 3: Jurkat whole cell lysate (20 μ g).