

Product datasheet for **TA388776**

CARMIL2 Rabbit Polyclonal Antibody

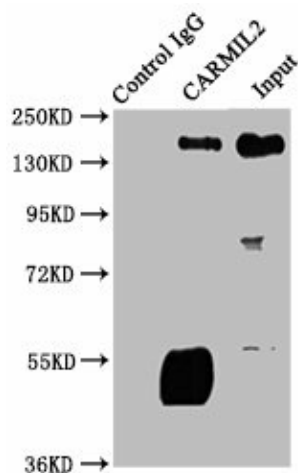
Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:2000, IP:1:200-1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human Capping protein, Arp2/3 and myosin-I linker protein 2 protein (1136-1290AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	Q6F5E8
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 (PubMed:26466680). Plays a role in cell protrusion formations; involved in cell polarity, lamellipodial assembly, membrane ruffling and macropinosome formations (PubMed:19846667, PubMed:26578515, PubMed:26466680). Involved as well in cell migration and invadopodia formation during wound healing (PubMed:19846667, PubMed:26578515, PubMed:26466680).



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Product images:

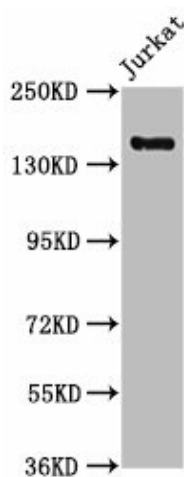


Immunoprecipitating CARMIL2 in Jurkat whole cell lysate

Lane 1: Rabbit control IgG instead of TA388776 in Jurkat whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: TA388776 (6µg) + Jurkat whole cell lysate (500µg)

Lane 3: Jurkat whole cell lysate (20µg)



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