

Rabbit anti-Human CD2BP2 Polyclonal Antibody | anti-CD2BP2 antibody

Anti-CD2BP2 Antibody, Rabbit Polyclonal

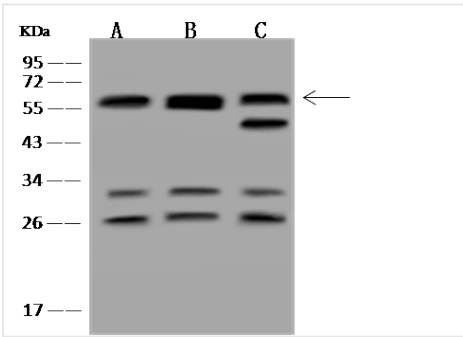
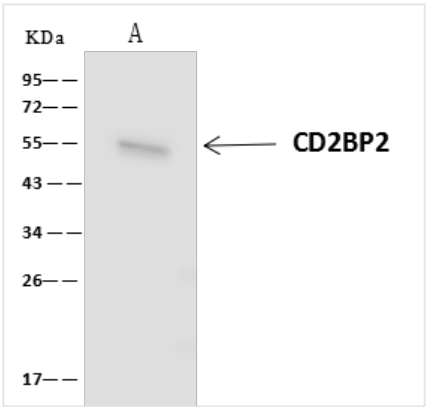
CATALOG # AAA256129	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CD2BP2; Polyclonal Antibody; Anti-CD2BP2 Antibody; Rabbit Polyclonal; CD2BP2 Antibody; Rabbit PAb; Antigen Affinity Purified; CD2 (cytoplasmic tail) binding protein 2; Anti-FWP010 Antibody; Anti-LIN1 Antibody; Anti-PPP1R59 Antibody; Anti-Snu40 Antibody; Anti-U5-52K Antibody; anti-CD2BP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD2BP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CD2BP2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human CD2BP2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CD2BP2 fragment, and purified by antigen 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. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-CD2BP2 rabbit polyclonal antibody at 1:500 dilution
Lane A: HeLa Whole Cell Lysate
Lane B: Jurkat Whole Cell Lysate
Lane C: U-251MG Whole Cell Lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 38 kDa. Observed band size: 55 kDa (We are unsure as to the identity of these extra bands).

IP (Immunoprecipitation)
CD2BP2 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate, 4 uL anti-CD2BP2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-CD2BP2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 51 kDa. Observed band size: 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CD2BP2 antibody	The adaptor protein CD2BP2, originally identified as a binding partner of the adhesion molecule CD2, is a pre-spliceosomal assembly factor that utilizes its glycine-tyrosine-phenylalanine (GYF) domain to co-localize with spliceosomal proteins. CD2BP2 confers binding to proline-rich sequences (PRS) via its GYF domain. CD2BP2 plays a crucial role in CD2-triggered T cell activation and nuclear splicing. CD2BP2 is a non-redundant splicing factor that is essential for embryonic development and podocyte integrity.
References	Kofler M, et al. (2004) Recognition sequences for the gyf domain reveal a possible spliceosomal function of cd2bp2. J Biol Chem 279 (27): 28292-28297. Heinze M, et al. (2007) Investigating the functional role of cd2bp2 in t cells. Int Immunol 19 (11): 1313-1318. Albert GI, et al. (2015) The gyf domain protein cd2bp2 is critical for embryogenesis and podocyte function. J Mol Cell Biol 7 (5): 402-414.

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.