

Rabbit anti-Human CD2AP Polyclonal Antibody | anti-CD2AP antibody

Rabbit anti-CD2AP Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212891	Rabbit	Human	Immunoprecipitation, Western Blot

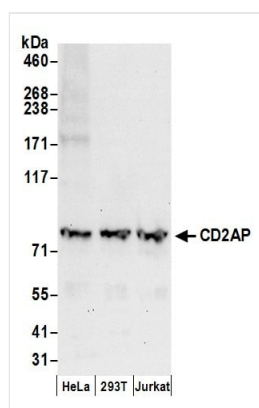
PRODUCT SYNONYMS

CD2AP; Polyclonal Antibody; Rabbit anti-CD2AP Antibody; Affinity Purified; adapter protein CMS; cas ligand with multiple SH3 domains; Cas ligand with multiple Src homology 3 (SH3) domains; CD2-associated protein; CMS; CD2 associated protein; anti-CD2AP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-CD2AP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 589 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

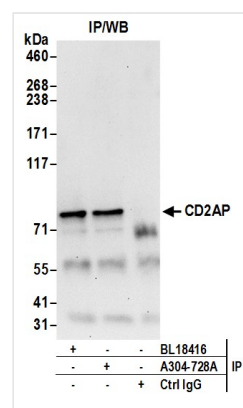
IMAGES



WB (Western Blot)

Detection of human CD2AP by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CD2AP antibody AAA212891 (lot AAA212891-1) used for WB at 0.1 ug/ml.

Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CD2AP by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CD2AP antibody AAA212891 (lot AAA212891-1) used for IP at 6 ug per reaction. CD2AP was also immunoprecipitated by rabbit anti-CD2AP antibody BL18416. For blotting immunoprecipitated CD2AP, AAA212891 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CD2AP antibody	CD2-associated protein (CD2AP) seems to act as an adapter protein between membrane proteins and the actin cytoskeleton. In collaboration with CBLC, it modulates the rate of RET turnover and may act as regulatory checkpoint that limits the potency of GDNF on neuronal survival. It also controls CBLC function, converting it from an inhibitor to a promoter of RET degradation. CD2AP may play a role in receptor clustering and cytoskeletal polarity in the junction between T-cell and antigen-presenting cell and may anchor the podocyte slit diaphragm to the actin cytoskeleton in renal glomerulus. CD2AP is also required for cytokinesis [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y5K6].
Product Categories/Family for anti-CD2AP antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321634
NCBI GeneID	23607
NCBI Accession #	NP_036252.1
NCBI GenBank Nucleotide #	NM_012120.2
UniProt Accession #	Q9Y5K6; Q5VYA3; Q9UG97; A6NL34
Molecular Weight	71,451 Da
NCBI Official Full Name	CD2-associated protein
NCBI Official Synonym Full Names	CD2-associated protein
NCBI Official Symbol	CD2AP
NCBI Official Synonym Symbols	CMS
NCBI Protein Information	CD2-associated protein; adapter protein CMS; cas ligand with multiple SH3 domains; Cas ligand with multiple Src homology 3 (SH3) domains
UniProt Protein Name	CD2-associated protein
UniProt Gene Name	CD2AP
UniProt Entry Name	CD2AP_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://stage.aaabiotech.com/polyclonal/cd2ap-antibody-immunoprecipitation-western-blot-elisa/212891>