

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

CD2AP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234761	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

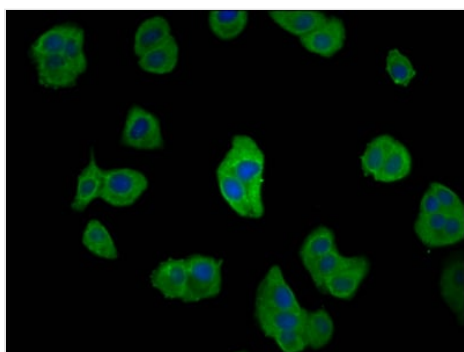
PRODUCT SYNONYMS

CD2AP; Polyclonal Antibody; CD2AP Antibody; CD2-associated protein; Adapter protein CMS; Cas ligand with multiple SH3 domains; anti-CD2AP antibody

PRODUCT SPECIFICATIONS

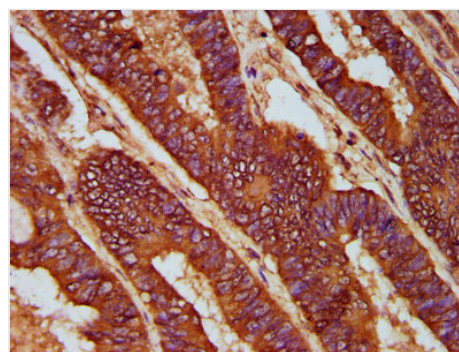
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	639
Applicable Applications for anti-CD2AP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human CD2-associated protein (333-426AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



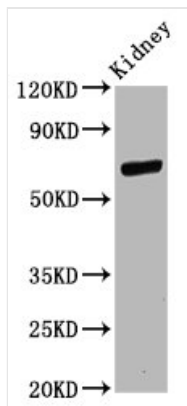
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234761 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234761 diluted at 1:200 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: Rat kidney tissue
 All lanes: CD2AP antibody at 11ug/ml
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 72 KDa
 Observed band size: 72 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-CD2AP antibody	Seems to act as an adapter protein between membrane proteins and the actin cytoskeleton. In collaboration with CBLC, modulates the rate of RET turnover and may act as regulatory checkpoint that limits the potency of GDNF on neuronal survival. Controls CBLC function, converting it from an inhibitor to a promoter of RET degradation. May play a role in receptor clustering and cytoskeletal polarity in the junction between T-cell and antigen-presenting cell. May anchor the podocyte slit diaphragm to the actin cytoskeleton in renal glomerulus. Also required for cytokinesis.
Product Categories/Family for anti-CD2AP antibody	Signal Transduction

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
UniProt Protein Name	CD2-associated protein
UniProt Gene Name	CD2AP

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.