



Datasheet for ABIN2856284
anti-CD2AP antibody



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5 Images

Overview

Quantity:	100 µL
Target:	CD2AP (Cd2ap)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD2AP antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CD2AP. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to CD2AP (CD2-associated protein) CD2AP antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CD2AP (Cd2ap)
Alternative Name:	CD2 associated protein (Cd2ap Products)

Target Details

Background: This gene encodes a scaffolding molecule that regulates the actin cytoskeleton. The protein directly interacts with filamentous actin and a variety of cell membrane proteins through multiple actin binding sites, SH3 domains, and a proline-rich region containing binding sites for SH3 domains. The cytoplasmic protein localizes to membrane ruffles, lipid rafts, and the leading edges of cells. It is implicated in dynamic actin remodeling and membrane trafficking that occurs during receptor endocytosis and cytokinesis. Haploinsufficiency of this gene is implicated in susceptibility to glomerular disease.

Cellular Localization: Cytoplasm , cytoskeleton , Cell projection , ruffle

Molecular Weight: 71 kDa

Gene ID: 23607

UniProt: [Q9Y5K6](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A375 , Rat2 , A431 , HeLa , HepG2 , K562 , THP-1 , HL-60
Validation: Comparison, Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.17 mg/mL

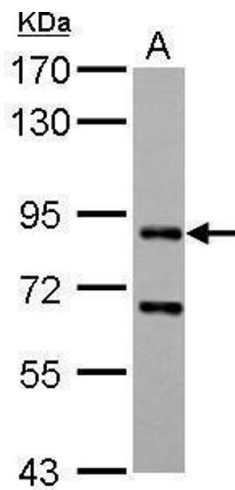
Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

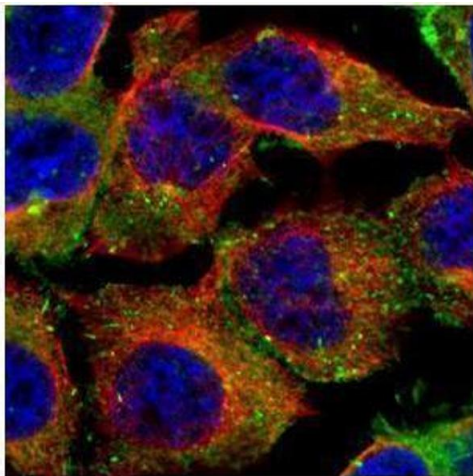
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



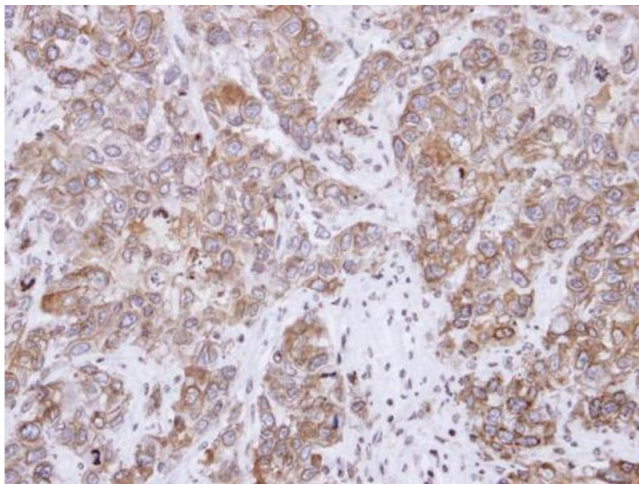
Western Blotting

Image 1. WB Image CD2AP antibody detects CD2AP protein by Western blot analysis. A. 30 µg Rat2 whole cell lysate/extract 7.5 % SDS-PAGE CD2AP antibody , dilution: 1:1000



Immunofluorescence

Image 2. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using CD2AP, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:500.



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded FaDu xenograft, using CD2-associated protein, antibody at 1:500 dilution.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856284.