
CD2AP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251169

Unit: 0.1 mg

Description:

CD2-associated protein (CD2AP) is an adapter protein between membrane proteins and the actin cytoskeleton. CD2AP plays a role in receptor clustering and cytoskeletal polarity in the junction between T-cells and antigen-presenting cells. CD2AP anchors the podocyte slit diaphragm to the actin cytoskeleton in renal glomerulus. CD2AP is also required for cytokinesis. Defects in CD2AP are the cause of susceptibility to focal segmental glomerulosclerosis type 3 (FSGS3), a renal pathology defined by the presence of segmental sclerosis in glomeruli and resulting in proteinuria, reduced glomerular filtration rate and edema.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD2AP; CD2-associated protein; Cas ligand with multiple SH3 domains; Adapter protein CMS

Accession No.: Q9Y5K6

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD2AP.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.