

## CD2AP

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**71kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human CD2AP

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CMS;

**Catalog #:**A7788

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**23607

**Isotype:**IgG

**Swiss Prot:**Q9Y5K6

**Purity:**Affinity purification

For research use only.

**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.

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