

# CD2AP Polyclonal Antibody

Catalog Number:E-AB-16309

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

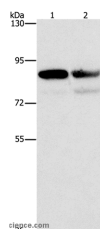
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthetic peptide of human CD2AP
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

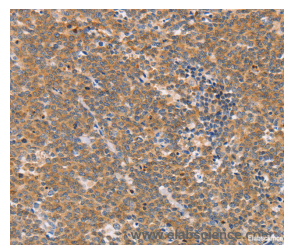
## Applications Recommended Dilution

<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:100-1:300

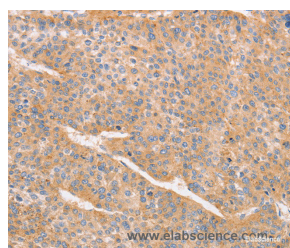
## Data



Western Blot analysis of A431 and Raji cell using CD2AP Polyclonal Antibody at dilution of 1:1000  
**Calculated Mw:71kDa**



Immunohistochemistry of paraffin-embedded Human Lymphoma using CD2AP Polyclonal Antibody at dilution of 1:70



Immunohistochemistry of paraffin-embedded Human liver cancer using CD2AP Polyclonal Antibody at dilution of 1:70

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

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occurs during receptor endocytosis and cytokinesis. Haploinsufficiency of this gene is implicated in susceptibility to glomerular disease.

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