

# PLEKHG6 Polyclonal Antibody

Catalog Number:E-AB-11416



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

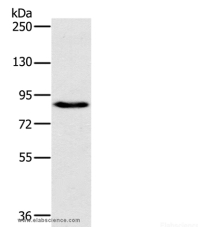
## Description

<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Recombinant protein of human PLEKHG6
<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

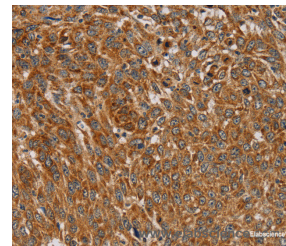
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300

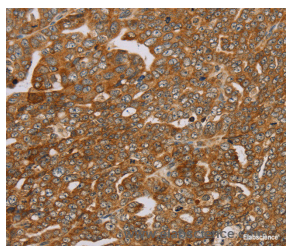
## Data



Western Blot analysis of 231 cell using PLEKHG6 Polyclonal Antibody at dilution of 1:800  
**Calculated Mw:89kDa**



Immunohistochemistry of paraffin-embedded Human lung cancer using PLEKHG6 Polyclonal Antibody at dilution of 1:45



Immunohistochemistry of paraffin-embedded Human cervical cancer using PLEKHG6 Polyclonal Antibody at dilution of 1:45

## Preparation & Storage

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

## Background

PLEKHG6 functions as a guanine nucleotide exchange factor activating the small GTPase RHOA, which, in turn, induces myosin filament formation. It activates RHOG but not activate RAC1, or to a much lower extent than RHOA and RHOG. Part of a functional unit, involving MyoGEF, MYH10 and RHOA, at the cleavage furrow to advance furrow ingression during cytokinesis. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole.

## For Research Use Only

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Along with EZR, required for normal macropinocytosis.

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