

## PLEKHG3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11167b

## **Specification**

# PLEKHG3 Antibody (C-term) - Product Information

**Application** WB, IHC-P,E **Primary Accession** A1L390 NP <u>056364.1</u> Other Accession Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 134412 Antigen Region 1178-1207

## PLEKHG3 Antibody (C-term) - Additional Information

#### Gene ID 26030

### **Other Names**

Pleckstrin homology domain-containing family G member 3, PH domain-containing family G member 3, PLEKHG3, KIAA0599

### Target/Specificity

This PLEKHG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1178-1207 amino acids from the C-terminal region of human PLEKHG3.

## **Dilution**

WB~~1:1000 IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

## **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

PLEKHG3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## PLEKHG3 Antibody (C-term) - Protein Information

Name PLEKHG3 (HGNC:20364)



## Synonyms KIAA0599

**Function** Plays a role in controlling cell polarity and cell motility by selectively binding newly polymerized actin and activating RAC1 and CDC42 to enhance local actin polymerization.

### **Cellular Location**

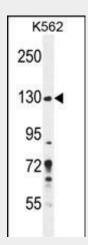
Cytoplasm, cytoskeleton. Note=Colocalizes with actin at the leading edge of polarized cells.

## PLEKHG3 Antibody (C-term) - Protocols

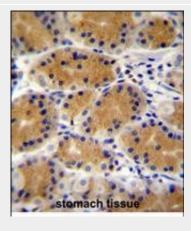
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## PLEKHG3 Antibody (C-term) - Images



PLEKHG3 Antibody (C-term) (Cat. #AP11167b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PLEKHG3 antibody detected the PLEKHG3 protein (arrow).







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PLEKHG3 Antibody (C-term) (Cat. #AP11167b)immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PLEKHG3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

# PLEKHG3 Antibody (C-term) - References

Olsen, J.V., et al. Cell 127(3):635-648(2006) PLEKHG3 Antibody (C-term) - Citations

• PLEKHG3 enhances polarized cell migration by activating actin filaments at the cell front.