

PLEKHG3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11167b

Product Information

Application	WB, IHC-P, E
Primary Accession	A1L390
Other Accession	NP_056364.1
Reactivity	Human
Predicted	Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28937
Calculated MW	134412
Antigen Region	1178-1207

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~~1:100~500 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.

Protein Information

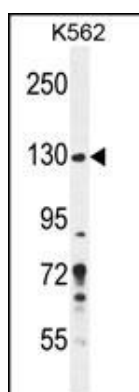
Name	PLEKHG3 (HGNC:20364)
Synonyms	KIAA0599

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.

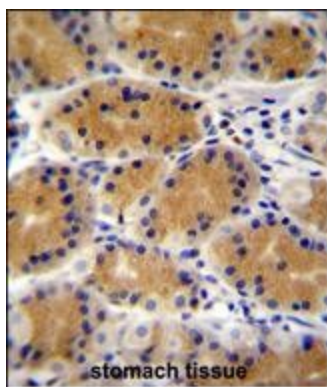
References

Olsen, J.V., et al. Cell 127(3):635-648(2006)

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).



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.

Citations

- [PLEKHG3 enhances polarized cell migration by activating actin filaments at the cell front.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.