

**PLEKHG2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54945**

**Specification**

**PLEKHG2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q9H7P9</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	148 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PLEKHF2 711-810/1386
Epitope Specificity	
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 DH (DBL-homology) domain. Contains 1 PH domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**PLEKHG2 Polyclonal Antibody - Additional Information**

**Gene ID** 64857

**Other Names**

Pleckstrin homology domain-containing family G member 2, PH domain-containing family G member 2, PLEKHG2

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A  
IF ~ ~ 1:50 ~ 200  
ICC ~ ~ N/A  
E ~ ~ N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PLEKHG2 Polyclonal Antibody - Protein Information**

**Name** PLEKHG2**Function**

May be a transforming oncogene with exchange activity for CDC42 (By similarity). May be a guanine-nucleotide exchange factor (GEF) for RAC1 and CDC42. Activated by the binding to subunits beta and gamma of the heterotrimeric guanine nucleotide-binding protein (G protein) (PubMed:<a href="http://www.uniprot.org/citations/18045877" target="\_blank">18045877</a>). Involved in the regulation of actin polymerization (PubMed:<a href="http://www.uniprot.org/citations/26573021" target="\_blank">26573021</a>).

**PLEKHG2 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**PLEKHG2 Polyclonal Antibody - Images**