



Product datasheet

Anti-**PLEKHG4** antibody **ab220770**

1 Image

Overview

<b>Product name</b>	Anti- <b>PLEKHG4</b> antibody
<b>Description</b>	Rabbit polyclonal to <b>PLEKHG4</b>
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	<p>Recombinant fragment corresponding to Human <b>PLEKHG4</b> aa 1044-1134. Numbering is from isoform 1; the sequence also occurs in isoform 2.</p> <p>Sequence:</p> <p>MGVGNKAFRDIAPSEEAINDRTVNYVLKCREVRSRASI            AVAPFDHDSL            GASNSLPGDPASCSVLGSLNLHLYRDPALLGLRCPLY            PSFP</p> <p>Database link: <a href="#">Q58EX7</a></p> <p style="text-align: right;">  <a href="#">Run BLAST with</a>                 <a href="#">Run BLAST with</a> </p>
<b>Positive control</b>	CACO-2 cells.
<b>General notes</b>	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 40% Glycerol, 59% PBS</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab220770** in the following tested applications.

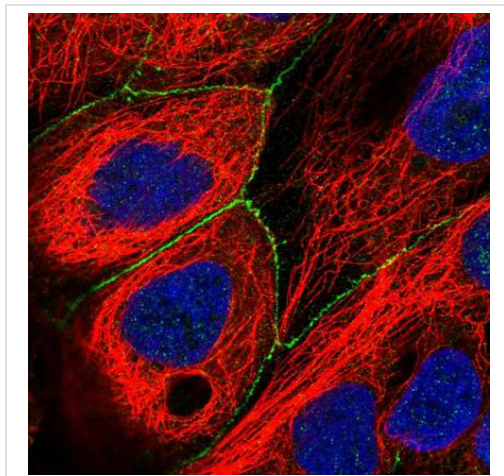
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

## Target

<b>Function</b>	Possible role in intracellular signaling and cytoskeleton dynamics at the Golgi.
<b>Tissue specificity</b>	Expressed in kidney, Leydig cells in the testis, epithelial cells in the prostate gland and Langerhans islet in the pancreas. Isoform 1 and isoform 3 are strongly expressed in Purkinje cells and to a lower extent in other neurons (at protein level). Widely expressed at low levels. More strongly expressed in testis and pancreas.
<b>Sequence similarities</b>	Contains 1 DH (DBL-homology) domain. Contains 1 PH domain.

## Images



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized CACO-2 cells labeling PLEKHG4 with ab220770 at 4 µg/ml. Antibody staining is shown in green.

Immunocytochemistry/ Immunofluorescence - Anti-  
PLEKHG4 antibody (ab220770)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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