

Datasheet for ABIN6746631  
**anti-PLEKHG2 antibody (AA 381-430)**



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## Overview

Quantity:	100 µL
Target:	PLEKHG2
Binding Specificity:	AA 381-430
Reactivity:	Human, Zebrafish (Danio rerio), Dog, Guinea Pig, Pig, Bat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHG2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide located between aa381-430 of human PLEKHG2 (Q9H7P9, NP_073746). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Dog, Bat, Pig, Guinea pig, Zebrafish (100%), Mouse, Rat, Bovine, Rabbit (92%), Opossum (84%), Chicken, Stickleback (83%).  Type of Immunogen: Synthetic peptide
Specificity:	Human PLEKHG2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Pig, Guinea pig, Zebrafish (100%) Mouse, Rat, Bovine, Rabbit (92%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	PLEKHG2
Alternative Name:	PLEKHG2 ( <a href="#">PLEKHG2 Products</a> )
Background:	Name/Gene ID: PLEKHG2  Synonyms: PLEKHG2, CLG, ARHGEF42
Gene ID:	64857
NCBI Accession:	<a href="#">NP_073746</a>
UniProt:	<a href="#">Q9H7P9</a>

## Application Details

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Application Notes:	Approved: WB (1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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Product cited in:	Moro, Sirrenberg, Schneider, Neupert, Brunner: "The TIM17.23 preprotein translocase of
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mitochondria: composition and function in protein transport into the matrix." in: **The EMBO journal**, Vol. 18, Issue 13, pp. 3667-75, (1999) ([PubMed](#)).

Rassow, Dekker, van Wilpe, Meijer, Soll: "The preprotein translocase of the mitochondrial inner membrane: function and evolution." in: **Journal of molecular biology**, Vol. 286, Issue 1, pp. 105-20, (1999) ([PubMed](#)).

Ryan, Leung, Jensen: "Characterization of the mitochondrial inner membrane translocase complex: the Tim23p hydrophobic domain interacts with Tim17p but not with other Tim23p molecules." in: **Molecular and cellular biology**, Vol. 18, Issue 1, pp. 178-87, (1998) ([PubMed](#)).