



[Go to Product page](#)

Datasheet for ABIN2788148

## anti-**PLEKHG2** antibody (Middle Region)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	PLEKHG2
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Guinea Pig, Zebrafish (Danio rerio), Cow, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHG2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PLEKHG2
Sequence:	DLTIPKHRHL LQAKNQEEKR LWIHCLQRLF FENHPASIPA KAKQVLLENS
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PLEKHG2. It was validated on Western Blot.
Purification:	Affinity Purified

#### Target Details

Target:	PLEKHG2
Alternative Name:	PLEKHG2 ( <a href="#">PLEKHG2 Products</a> )

## Target Details

---

**Background:** PLEKHG2 may be a transforming oncogene with exchange activity for CDC42. PLEKHG2 may be a guanine-nucleotide exchange factor (GEF) for RAC1 and CDC42. PLEKHG2 activated by the binding to subunits beta and gamma of the heterotrimeric guanine nucleotide-binding protein (G protein).

Alias Symbols: CLG, DKFZp667J2325, FLJ00018, FLJ22458, FLJ38638, ARHGEF42

Protein Interaction Partner: ACTN3, XRN1, APP, GNG2, GNB1, RAC1, RHOA, CDC42,

Protein Size: 1344

---

**Molecular Weight:** 144 kDa

---

**Gene ID:** 64857

---

**NCBI Accession:** [NM\\_022835](#), [NP\\_073746](#)

---

**UniProt:** [Q9H7P9](#)

## Application Details

---

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator.

---

**Comment:** Antigen size: 1344 AA

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** Lot specific

---

**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

---

**Preservative:** Sodium azide

---

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

---

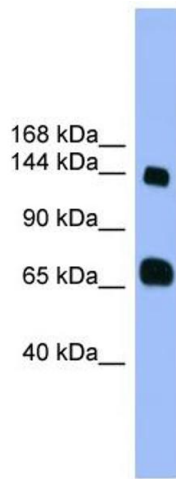
**Handling Advice:** Avoid repeated freeze-thaw cycles.

---

**Storage:** -20 °C

---

**Storage Comment:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-PLEKHG2 Antibody Titration:  
1.0 ug/ml Positive Control: Fetal Heart