

# SIRPG antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI14835

#### **Product Information**

Application WB Primary Accession 075131

Other Accession
Reactivity
Human, Horse, Bovine
Human, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 60131

#### **Additional Information**

Gene ID 8895

Alias Symbol CD172g, FLJ42230, SIRP-B2, SIRPB2, SIRPgamma, bA77C3.1

Other Names Copine-3, Copine III, CPNE3, CPN3, KIAA0636

Format Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium

azide and 2% sucrose.

**Reconstitution & Storage** Add 50 ul of distilled water. Final anti-SIRPG antibody concentration is 1

mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at

20°C. Avoid repeat freeze-thaw cycles.

**Precautions** SIRPG antibody - middle region is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

Name CPNE3 ( HGNC:2316)

**Function** Calcium-dependent phospholipid-binding protein that plays a role in

ERBB2-mediated tumor cell migration in response to growth factor heregulin

stimulation (PubMed:20010870).

**Cellular Location** Nucleus. Cytoplasm. Cell membrane Cell junction. Cell junction, focal

adhesion. Note=Associates to the membrane in a calcium-dependent manner (PubMed:20010870). Translocates to the cell membrane and the nucleus in a calcium- or growth factor heregulin- dependent manner (PubMed:20010870, PubMed:21087455). Colocalizes with the tyrosine phosphorylated ERBB2 form

at cell membrane and focal adhesions in a calcium- or growth factor

heregulin-dependent manner (PubMed:20010870).

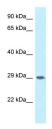
#### **Tissue Location**

Expressed in breast and weakly in prostate and ovarian tissues (PubMed:20010870). Expressed in neutrophils (at protein level) (PubMed:12949241). Widely expressed (PubMed:11041869). Expressed in the brain. Expressed in neutrophil precursors from the bone marrow and peripheral blood (PubMed:12949241). Expressed in primary breast tumors and ovarian endometrioid adenocarcinoma (PubMed:20010870)

### References

Caudell E.G.,et al.Biochemistry 39:13034-13043(2000). Ishikawa K.,et al.DNA Res. 5:169-176(1998). Ota T.,et al.Nat. Genet. 36:40-45(2004). Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008). Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

## **Images**



WB Suggested Anti-SIRPG Antibody Titration: 1.0 µg/ml Positive Control: 293T Whole Cell

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