

SIRPG antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14835**Specification**

SIRPG antibody - middle region - Product Information

Application	WB
Primary Accession	O75131
Other Accession	NM_003909 , NP_003900
Reactivity	Human, Horse, Bovine
Predicted	Human, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

SIRPG antibody - middle region - 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.

SIRPG antibody - middle region - 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

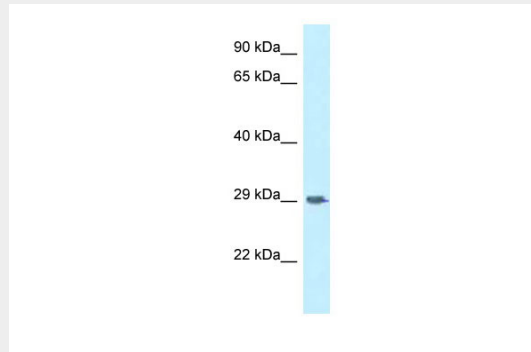
Expressed in breast and weakly in prostate and ovarian tissues (PubMed:20010870). Expressed in neutrophils (at protein level) (PubMed:12949241). Widely expressed (PubMed:11041869). Expressed in the brain. Expressed in neutrophil precursors from the bone marrow and peripheral blood (PubMed:12949241).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

SIRPG antibody - middle region - 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](#)

SIRPG antibody - middle region - Images



WB Suggested Anti-SIRPG Antibody Titration: 1.0 µg/ml

Positive Control: 293T Whole Cell

SIRPG antibody - middle region - 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).