

SIRPG antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI14835

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	60131

Additional Information

Gene ID	8895
Alias Symbol Other Names	CD172g, FLJ42230, SIRP-B2, SIRPB2, SIRPgamma, bA77C3.1 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).

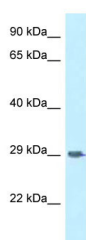
Tissue Location

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'.