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Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55844_P050-FITC
Product Page	www.avivasysbio.com/plcb1-antibody-middle-region-fitc-arp55844-p050-fitc.html
Name	PLCB1 Antibody - middle region : FITC (ARP55844_P050-FITC)
Protein Size (# AA)	1173 amino acids
Molecular Weight	134kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	23236
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phospholipase C, beta 1 (phosphoinositide-specific)
Alias Symbols	DEE12, PLC-I, EIEE12, PI-PLC, PLC154, PLCB1A, PLCB1B, PLC-154, PLC-beta-1
Peptide Sequence	Synthetic peptide located within the following region: EAQSKRQEKLVKHKIRQQILDEKPKGEGSSSFLSETCHEDPSVSPNET
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Fantuzzi,L., (2008) Blood 111 (7), 3355-3363
Description of Target	The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction
Protein Interactions	TFCP2; CTBP2; CTBP1; CEP76; PLCB1; GNAQ; SLC9A3R1; GNA11; PCF11; UBC; KRIT1; SPTBN1; TRPC3; TRPM7; PARD6A; PARD3; RGS4; RGS12; MAPK3; PRKCD; PRKCA; MAPK1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PLCB1 (ARP55844_P050-FITC) antibody
Blocking Peptide	For anti-PLCB1 (ARP55844_P050-FITC) antibody is Catalog # AAP55844 (Previous Catalog # AAPP37017)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PLCB1
Uniprot ID	D3DW13
Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1
Sample Type Confirmation	There is BioGPS gene expression data showing that PLCB1 is expressed in HepG2
Protein Accession #	NP_877398
Purification	Affinity Purified
Nucleotide Accession #	NM_182734
Gene Symbol	PLCB1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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