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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|--|--|
| Product Number | ARP55844_P050-Biotin |
| Product Page | www.avivasysbio.com/plcb1-antibody-middle-region-biotin-arp55844-p050-biotin.html |
| Name | PLCB1 Antibody - middle region : Biotin (ARP55844_P050-Biotin) |
| Protein Size (# AA) | 1173 amino acids |
| Molecular Weight | 134kDa |
| Conjugation | Biotin |
| 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: EAQSKRQEKLVKHKIRQQLDEKPKGEGSSSFLSETCHEDPSVSPNET |
| 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-Biotin) antibody |
| Blocking Peptide | For anti-PLCB1 (ARP55844_P050-Biotin) 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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