

Clathrin heavy-chain 1,2, Biotin-conjugated (40 µg)



Cat. No. APA-CPA-013

Lot. No. (See product label)

Product Name

Clathrin heavy-chain 1,2, Biotin-conjugated (40 µg)

Host

Rabbit

Immunogen

KLH-conjugated peptide derived from available plant clathrin heavy chain sequences including Arabidopsis thaliana clathrin heavy chain 1 UniProt: Q0WNJ6, TAIR:At3g11130, clathrin heavy chain 2 UniProt: Q0WLB5, TAIR:At3g08530

Background

Clathrin is a protein involved in intracellular trafficking and plays a major role in the formation of coated vesicles. It consists of three clathrin heavy chains and three light chains. Clathrin-coated vesicles (CCV) selectively sort cargo at the cell membrane, trans-Golgi network, and endosomal compartments for multiple membrane traffic pathways.

Format

Liquid

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4, conjugated to biotin.

Quantity

40 µg

Reactivity

Arabidopsis thaliana, Chlamydomonas reinhardtii, Nicotiana tabacum

Confirmed reactivity

Arabidopsis thaliana, Chlamydomonas reinhardtii, Nicotiana tabacum

Predicted reactivity

Amborella trichopoda, Brassica napus, Capsella rubella, Citrus aurantium var. sinensis, Eucalyptus grandis, Glycine max, Chlorella variabilis, Leucaena glauca, Lotus japonicus, Medicago tribuloides, Mimulus guttatus, Musa malaccensis, Oryza sativa, Panicum italicum, Physcomitrium patens, Phaseolus vulgaris, Pisum sativum, Populus balsamifera, Ricinus communis, Selaginella moellendorffii, Sisymbrium salsugineum, Solanum lycopersicum, Theobroma cacao, Triticum aestivum, Vitis vinifera

Not reactive in

Nicotiana benthamiana

Expected/apparent MW

193 | 170 kDa (Arabidopsis thaliana)

Tested applications

Immunolocalization (IL), Immunofluorescence (IF), Western blot (WB)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Recommended dilution

1 : 2400 (IL), 1 :400 (IF), 1 : 2000 (WB)

Storage

Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

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