

VDAC1-5 | Voltage-dependent anion-selective channel protein 1-5, DyLight 594 conjugated (40 µg)

Cat PA01194

Size 40 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana, Beta vulgaris, Brassica oleracea var. botrytis, Brassica rapa subsp. rapa, Citrus sinensis, Fortunella margarita Swingle, Oryza sativa, Papaver sp. pollen tubes (IL), Spinacia oleracea, Physcomitrium patens, Zea mays

Immunogen

KLH-conjugated peptide conserved in all known higher plant VDAC proteins including Arabidopsis thaliana VDAC1 UniProt: Q9SRH5 , TAIR: AT3G01280, VDAC2 UniProt F4K3R8-1 , TAIR: AT5G67500, VDAC3 UniProt: Q9SMX3-1, TAIR: AT5G15090, VDAC4 UniProt: Q9FKM2-1, TAIR: AT5G57490, VDAC5 UniProt: Q9M2W6-1, TAIR: AT3G49920

Host

Rabbit

Clonality

Polyclonal

Purity

Antigen affinity purified serum

Format

Liquid in PBS pH 7.4.

Storage

Store at 4°C for 12-18 months, A preservative may be added for long time storage up to 2 years. Shortly spin the tube before use.

Application

Immunofluorescence (IF), Western blot (WB)

Recommended dilution

To be determined by end user

Expected | apparent MW

29 kDa (for Arabidopsis thaliana)

Confirmed reactivity

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Predicted reactivity

Arabidopsis alpina, Aundo donax, Brachypodium distachyon, Brassica campestris, Brassica napus, Brassica rapa subsp. pekinensis, Capsella rubella, Citrus clementina, Eutrema salsugineum, Glycine max, Glycine

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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soja, Gossypium arboreum, Hoedum vulgare var. distichum, Jatropha curcas, Medicago truncatula, Mesembryanthemum crystallinum, Morus notabilis, Nicotiana tabacum, Phaseolus coccineus, Phaseolus vulgaris, Pisum sativum, Plantago major, Prunus persica, Ricinus communis, Solanum lycopersicum, Solanum tuberosum, Sorghum bicolor, Theobroma cacao, Triticum aestivum, Vitis vinifera

Not reactive in

Chlamydomonas reinhardtii, Glycine max, Zea mays, diatoms, Saccharomyces cerevisiae

Additional information

Cellular [compartment marker] of mitochondrial outer membrane

Description

VDAC protein is a porin-type β -barrel diffused pore mainly located in the outer membrane of mitochondria and involved in metabolite exchange. DyLight 594 has an Amax = 593 nm and an Emax = 618 nm. DyLight is a registered trademark of Thermofisher Inc. and its subsidiaries.

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