Agrisera
Part of Olink® Group

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS07 212B

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

Product information

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	Immunogen affinity purified serum in PBS pH 7.4, conjugated to biotin.
Format	Liquid
Quantity	40 µg
Storage	Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.
Additional information	Cellular [compartment marker] of mitochondrial outer membrane

Application information

Recommended dilution	1 : 500 (IL), 1 : 2000, 2-30 µg protein/lane (WB)
Expected | apparent MW	29 kDa (for *Arabidopsis thaliana*)
Confirmed reactivity	*Arabidopsis thaliana, Beta vulgaris, Brassica oleracea* var. botrytis, *Oryza sativa, Papaver* sp. pollen tubes (IL), *Spinacia oleracea*, *Physcomitrium patens*
Predicted reactivity	*Arabidopsis alpina, Aundo donax, Brachypodium distachyon, Brassica campestris, Brassica napus, Brassica rapa subsp. pekinensis, Capsella rubella, Citrus clementina, Citrus sinensis, Eutrema salsugineum, Glycine max, Glycine 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, Zea mays* Species of your interest not listed? Contact us
Not reactive in	*Chlamydomonas reinhardtii, Glycine max, Zea mays,* diatoms, *Saccharomyces cerevisiae*
Additional information	Amount of mitochondrial fraction detected by anti-VDAC1 antibody was from 2-10 µg. Immunolocalization method description and images are available here Blue-native (2D BN/SDS-PAGE) methodology is described in Piechota et al. 2010