

Product: Anti-VDAC1 (Voltage-dependent anion-selective channel protein 1)**Product no:** AS07 212

Product Information**Antibody clonality:** Polyclonal**Raised in:** Rabbit**Purity:** Affinity purified rabbit IgG in PBS pH 7.4**Quantity:** 200 µg**Antibody form:** Lyophilized. For reconstitution please add 100 µl of sterile water.

Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.

Storage instructions: -20°C or -80°C long Term storage (years). Please, avoid freezing and thawing of antibodies. Make aliquots instead.**Background**

This protein forms a channel through the cell membrane for diffusion of small hydrophilic molecules. Evolutionary origin of VDAC protein is not clear and their structure and properties are quite different making those proteins only conceptually like porins (Clausen et al. 2004).

Immunogen:

KLH conjugated peptide conserved in all known higher plant VDAC1 proteins including *Arabidopsis thaliana* with the locus name: At3g01280.

Application note:

Antibody can be used as a marker of outer mitochondrial membrane.

Application information:**Western Blot:** 1: 1 000 with ECL system**MW:** 29 kDa

Antibodies are intended for the research use only not for diagnostic or therapeutic use.

Product support: inquiry@agrisera.com, <http://www.agrisera.com>