Synaptic Systems

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# VDAC 1

**Cat.No. 279 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)**

## Data Sheet

| | |
|---|---|
| Reconstitution/ Storage | 50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl $H_2O$ to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. |
| Applications | **WB**: 1 : 1000 (AP staining)<br>**IP**: not tested yet<br>**ICC**: not recommended<br>**IHC**: not recommended<br>**IHC-P/FFPE**: not tested yet |
| Immunogen | Synthetic peptide corresponding to AA 15 to 29 from mouse VDAC1 (UniProt Id: Q60932-1) |
| Reactivity | Reacts with: rat (Q9Z2L0), mouse (Q60932).<br>Other species not tested yet. |
| Specificity | Due to sequence homologies, probably crossreacts with VDAC 2 and 3 |
| matching control | 279-0P |

**TO BE USED IN VITRO / FOR RESEARCH ONLY**
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

**V**oltage-**d**ependent **a**nion **c**hannels (**VDAC**s), also known as **porins**, are integral membrane proteins which form a channel that allows diffusion of small hydrophilic molecules. Three closely related isoforms, VDAC **1**, 2 and 3 have been described, so far.
VDACs have been originally identified as components of the outer mitochondrial membrane but they also occur in the plasma membrane of different cell types.

## Selected General References

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