German Research Products - GRP GmbH

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Product Datasheet

VDAC3 Polyclonal Antibody GRP586

Description Forms a channel through the mitochondrial outer membrane and

also the plasma membrane. The channel at the outer

mitochondrial membrane allows diffusion of small hydrophilic molecules; in the plasma membrane it is involved in cell volume regulation and apoptosis. It adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective. May participate in the formation of the permeability transition pore complex (PTPC) responsible for the release of mitochondrial

products that triggers apoptosis.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human VDAC3

(public_immunogen_range: 80-120/283)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

Note For research use only.

Isotype IgG

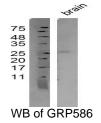
Clonality Polyclonal

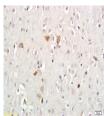
Purity Purified by Protein A.

Uniprot ID Q9Y277

Entrez 7419

Dilution Range WB: 1:300-1000, IHC-P: 1:200-400





IHC-P of GRP586