

VDAC1 polyclonal antibody

Catalog: BZ16538

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Voltage-dependent anion channel (VDAC), ubiquitously expressed and located in the outer mitochondrial membrane, is generally thought to be the primary means by which metabolites diffuse in and out of the mitochondria. In addition, this channel plays a role in apoptotic signaling. The change in mitochondrial permeability characteristic of apoptosis is mediated by Bcl-2 family proteins, which bind to VDAC, altering the channel kinetics.

Product:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Molecular Weight:

Calculated MW: 31 kDa; Observed MW: 31 kDa

Swiss-Prot:

P21796

Purification&Purity:

Affinity Purified

Applications:

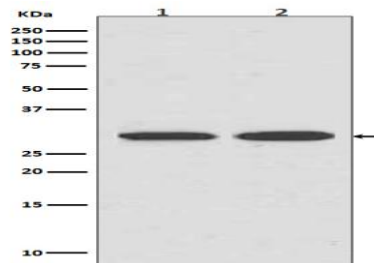
WB: 1/500-1/1000 IHC: 1/50-1/100

Storage&Stability:

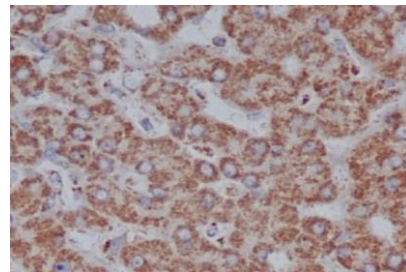
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Calreticulin in HepG2 lysates; Jurkat lysates using VDAC1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human liver using VDAC1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of VDAC1 in C2C12, THP-1, 3T3, Jurkat and Hela lysates using VDAC1 antibody

Note:

For research use only, not for use in diagnostic procedure.

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