

VDAC1 Antibody

Catalog No: T55416

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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400-6123-828

Information

UniProt ID: P21796

All Names:VDAC1; PORIN;PORIN-31-HL;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Purity: Affinity-chromatography

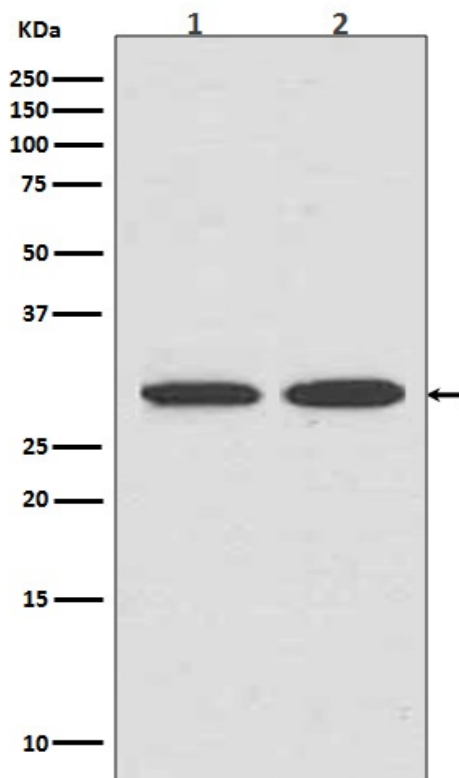
Molecular Wt.: 31kDa

Application

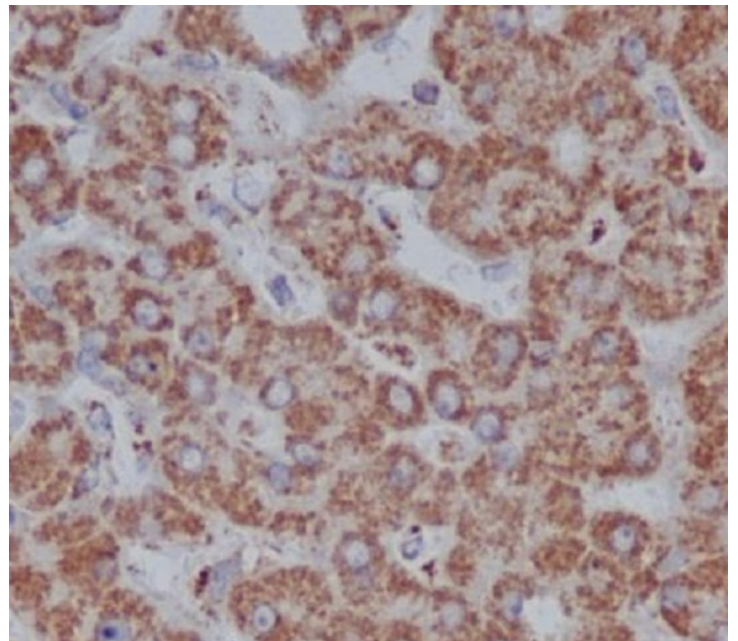
WB 1:500~1:2000 IHC 1:50~1:200

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.



Western blot analysis of VDAC1 expression in (1) HepG2 cell lysate; (2) Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver, using VDAC1 Antibody.