Product Name: VDAC1 Rabbit Polyclonal Antibody
Catalog #: APRab03717

Summary

Production Name	VDAC1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	VDAC1
Alternative Names	VDAC1; PORIN; PORIN-31-HL
Gene ID	7416
SwissProt ID	P21796

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW: 31 kDa; Observed MW: 31 kDa

Background

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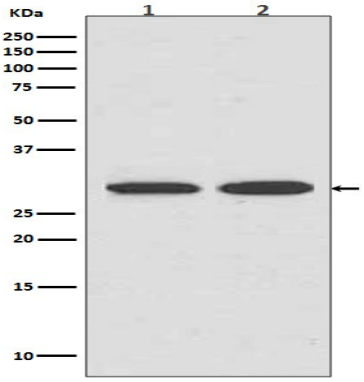
Voltage-dependent anion channel (VDAC), ubiquitously expressed and located in the outer mitochondrial membrane, is generally thought to be the primary means by which metabolites diffuse in and out of the mitochondria. In addition, this channel plays a role in apoptotic signaling. The change in mitochondrial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

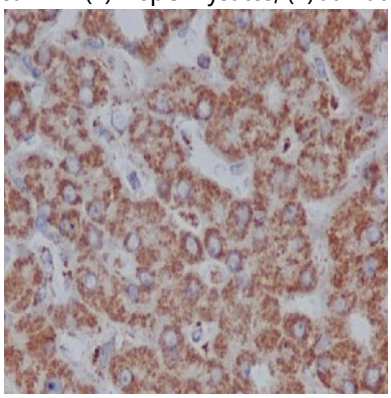
Research Area

Tags & Cell Markers

Image Data



Western blot analysis of Calreticulin in (1) HepG2 lysates; (2) 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.

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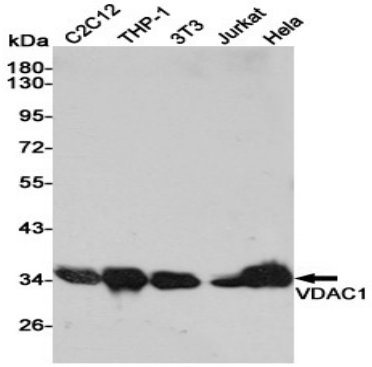

Western blot analysis of VDAC1 in C2C12, THP-1, 3T3, Jurakt and Hela lysates using VDAC1 antibody

Note

For research use only.