Product Data Sheet
VDAC1 Rabbit Polyclonal Antibody

Product name:	VDAC1 Rabbit Polyclonal Antibody
Cat number:	ABN03717
Conjugate:	Unconjugated
Size:	100 ul
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight:	31 kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	VDAC1; PORIN; PORIN-31-HL
Source:	Rabbit
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.

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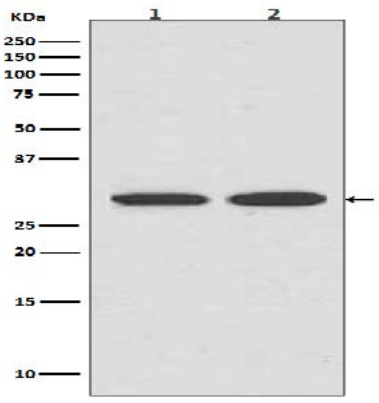
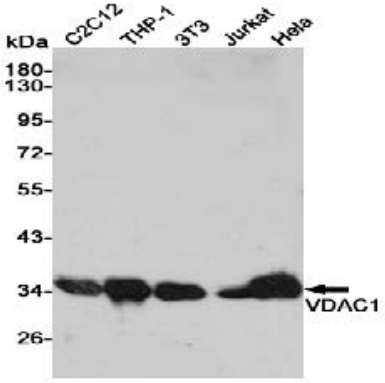
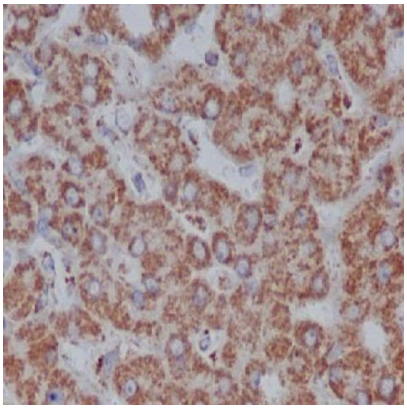


Western blot analysis of Calreticulin in (1) HepG2 lysates; (2) Jurkat lysates using VDAC1 antibody.



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