

Product Name: VDAC1 Rabbit Monoclonal Antibody
Catalog #: AMRe02754



Summary

Production Name	VDAC1 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

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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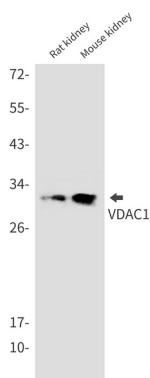


Voltage-dependent anion channel (VDAC), ubiquitously expressed and located in the outer mitochondrial membrane, is generally thought to be the primary means by which metabolites diffuse in and out of the mitochondria. In addition, this channel plays a role in apoptotic signaling. The change in mitochondrial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

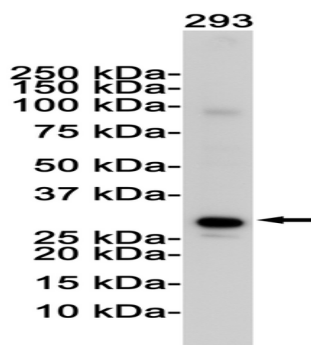
Research Area

Tags & Cell Markers

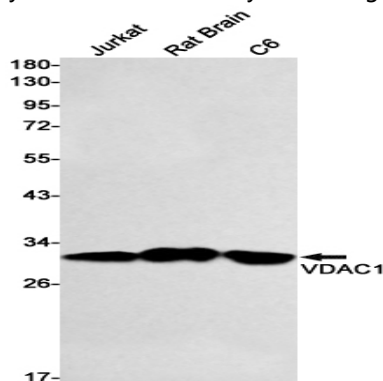
Image Data



Western blot analysis of VDAC1 in rat kidney, mouse kidney lysates using VDAC1 antibody.



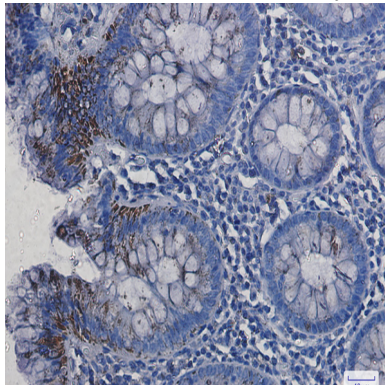
Western blot analysis of VDAC1 in 293 lysates using VDAC1 antibody.



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Western blot analysis of VDAC1 in Jurkat, rat Brain, C6 lysates using VDAC1 antibody



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

Note

For research use only.