

Product datasheet for **TA385545M**

VDAC1 Rabbit Polyclonal Antibody

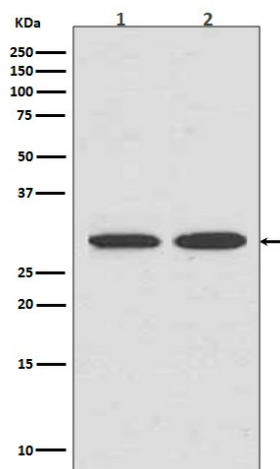
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1/500-1/2000 IHC: 1/50-1/200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthesized peptide derived from human VDAC1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	31kDa
Gene Name:	voltage dependent anion channel 1
Database Link:	Entrez Gene 7416 Human P21796
Background:	Swiss-Prot Acc.P21796.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.
Synonyms:	hVDAC1; MGC111064; OTTHUMP00000159381; OTTHUMP00000165946; PORIN; PORIN-31-HL; VDAC; VDAC-1

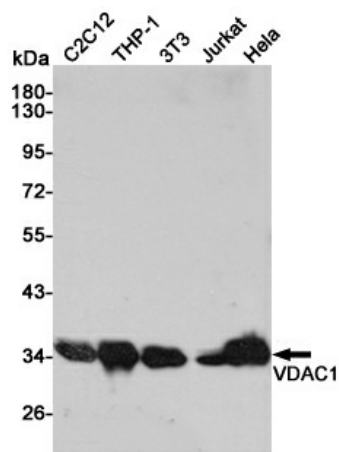


[View online »](#)

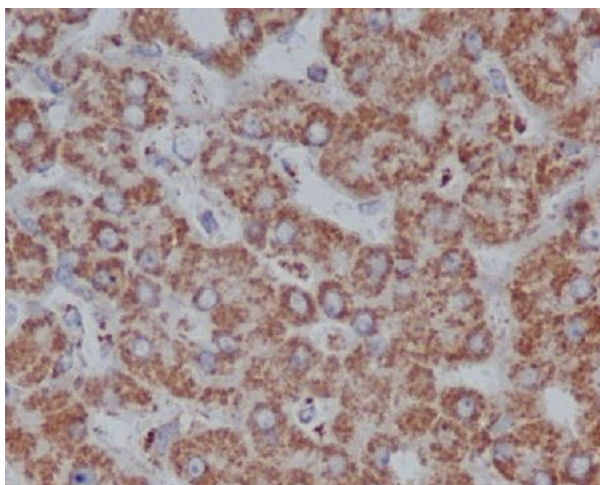
Product images:



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



Western blot analysis of VDAC1 expression in C2C12, THP-1, 3T3, Jurkat and Hela cell lysates using VDAC1 antibody at 1/1 dilution. Predicted band size: 31 kDa. Observed band size: 31 kDa.



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