

## Product datasheet for **TA369755S**

### VDAC1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: A431, Jurkat, HeLa and 293T cell lysates IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	31 kDa
Gene Name:	voltage dependent anion channel 1
Database Link:	<a href="#">Entrez Gene 7416 Human P21796</a>

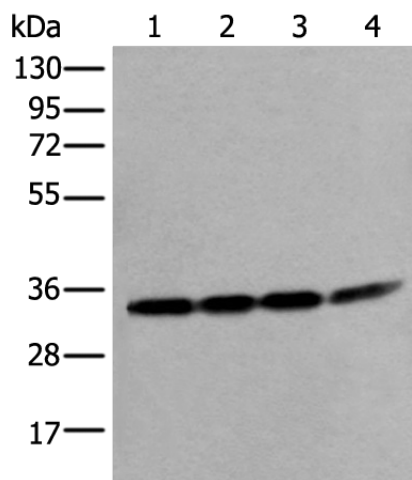
**Background:** This gene encodes a voltage-dependent anion channel protein that is a major component of the outer mitochondrial membrane. The encoded protein facilitates the exchange of metabolites and ions across the outer mitochondrial membrane and may regulate mitochondrial functions. This protein also forms channels in the plasma membrane and may be involved in transmembrane electron transport. Alternate splicing results in multiple transcript variants. Multiple pseudogenes of this gene are found on chromosomes 1, 2, 3, 6, 9, 12, X and Y.



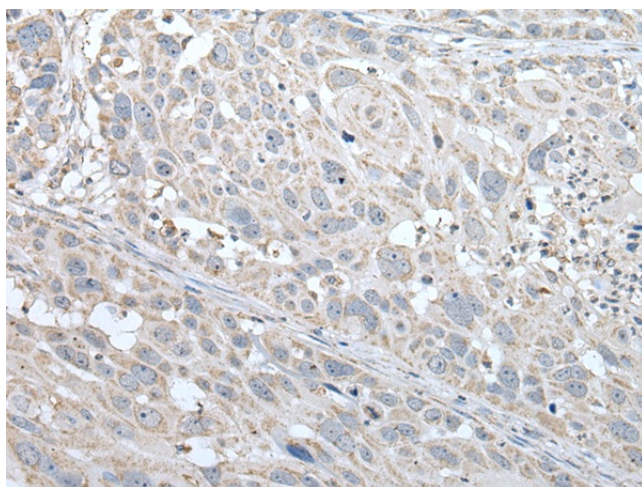
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Synonyms: hVDAC1; MGC111064; OTTHUMP00000159381; OTTHUMP00000165946; PORIN; PORIN-31-HL; VDAC; VDAC-1

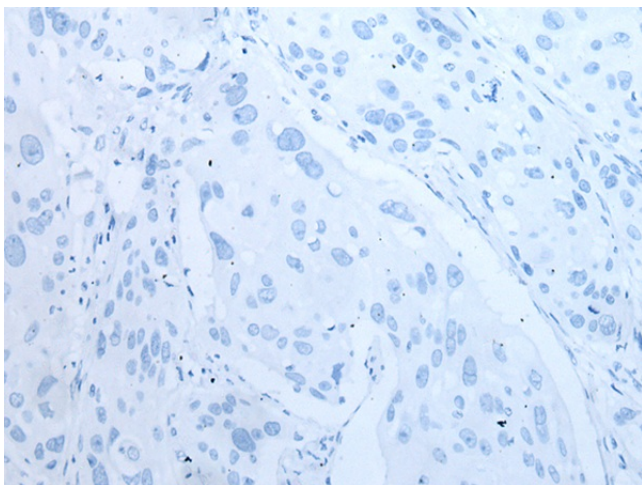
### Product images:



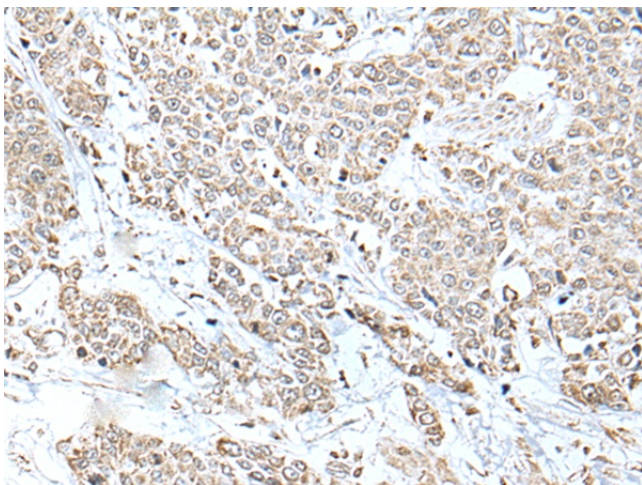
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-4: A431  
Jurkat  
Hela and 293T cell lysates  
Primary antibody: [TA369755] (VDAC1 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 3 seconds



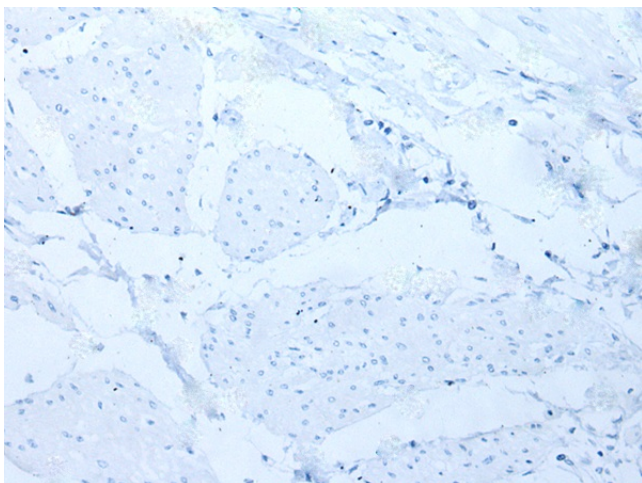
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369755] (VDAC1 Antibody) at dilution 1/30 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA369755] (VDAC1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA369755] (VDAC1 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using [TA369755] (VDAC1 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)