Anti-VDAC1 antibody (1-100) [S7MR] (STJ11101777)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

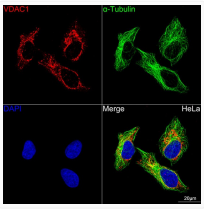
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:2000 IF/ICC:1:200-1:800 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 31kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

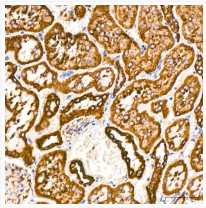
Gene ID	7416
Gene Symbol	VDAC1
UniProt ID	VDAC1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MAVPPTYADLGKSARDVFTK GYGFGLIKLDLKTKSENGLE FTSSGSANTETTKVTGSLET KYRWTEYGLTFTEKWNTDNT LGTEITVEDQLARGLKLTFD
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human VDAC1 (P21796).

ADDITIONAL INFORMATION

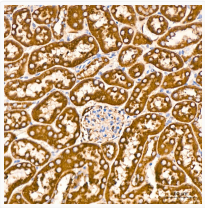
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



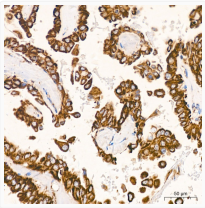
Confocal imaging of HeLa cells using VDAC1 Rabbit monoclonal antibody (STJ11101777, dilution 1:100) (Red). The cells were counterstained with Alpha-Tubulin Mouse monoclonal antibody (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



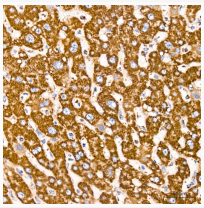
Immunohistochemistry analysis of VDAC1 in paraffin-embedded rat kidney tissue using VDAC1 Rabbit monoclonal antibody (STJ11101777) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



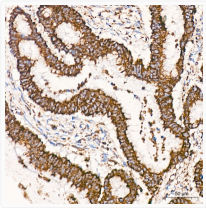
Immunohistochemistry analysis of VDAC1 in paraffin-embedded mouse kidney tissue using VDAC1 Rabbit monoclonal antibody (STJ11101777) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



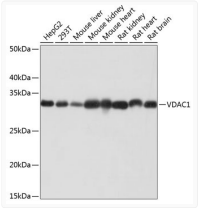
Immunohistochemistry analysis of VDAC1 in paraffin-embedded human thyroid cancer tissue using VDAC1 Rabbit monoclonal antibody (STJ11101777) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of VDAC1 in paraffin-embedded human liver tissue using VDAC1 Rabbit monoclonal antibody (STJ11101777) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of VDAC1 in paraffin-embedded human colon carcinoma tissue using VDAC1 Rabbit monoclonal antibody (STJ11101777) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0. 01 M citrate buffer (pH 6. 0) prior to immunohistochemistry staining.



Western blot analysis of extracts of various cell lines, using VDAC1 antibody (STJ11101777) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.