

## Anti-VDAC1 antibody (1-283) (STJ118181)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

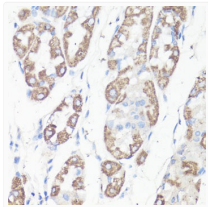
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 36kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

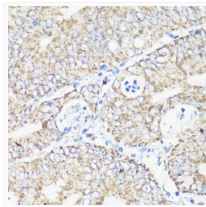
Gene ID	<a href="#">7416</a>
Gene Symbol	<a href="#">VDAC1</a>
UniProt ID	<a href="#">VDAC1_HUMAN</a>
Immunogen Region	1-283
Immunogen Sequence	MAVPPTYADLKGKSARDVFTK GYGFGLIKLDLKTSENGLE FTSSGSANTETT KVTGSLET KYRWTEYGLTFTEKWNTDNT LGTEITVEDQLARGLKLTFD SSFSPNTGKKNAKIKTG YKR EHINLGCDDMDFDIAGPSIRG ALVLGYEGWLAGYQMNFFETA KSRVTQSNFVAVGYKTDFEQL HTNVNDGTEFGGSIYQKVNK KLETAVNLAWTAGNSNTRFG IAAKYQIDPDACFSAKVNN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC1/Porin (NP_003365.1).

### ADDITIONAL INFORMATION

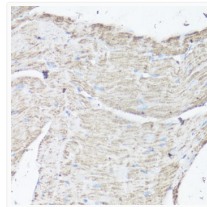
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



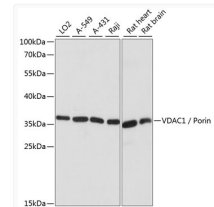
Immunohistochemistry analysis of VDAC1/ Porin in paraffin-embedded human stomach using VDAC1/ Porin Rabbit polyclonal antibody (STJ118181) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of VDAC1/ Porin in paraffin-embedded human colon carcinoma using VDAC1/ Porin Rabbit polyclonal antibody (STJ118181) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of VDAC1/ Porin in paraffin-embedded rat heart using VDAC1/ Porin Rabbit polyclonal antibody (STJ118181) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using VDAC1/ Porin Rabbit polyclonal antibody (STJ118181) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.