

Anti-VDAC1 antibody (1-283) (STJ26080)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

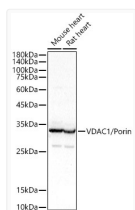
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 31kDa Observed Mw: 32kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

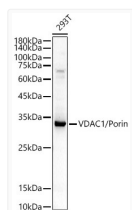
Gene ID	7416
Gene Symbol	VDAC1
UniProt ID	VDAC1_HUMAN
Immunogen Region	1-283
Immunogen Sequence	MAVPPTYADLGKSARDVFTK GYGFLIKLDLKTSENGLE FTSSGSANTETTKVTGSLET KYRWTEYGLTFTEKWNTDNT LGTEITVEDQLARGLKLTFD SSFSPNTGKKNAKIKTGYKR EHINLGCMDMDFDIAGPSIRG ALVLGYEGWLAGYQMNFFETA KSRVTQSNFAVGKYKTDEFQL HTNVNDGTEFGGSIYQKVNK KLETAVNLAWTAGNSNTRFG IAACYQIDPDACFSAKVVN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-283 of human VDAC1/Porin (NP_003365.1).

ADDITIONAL INFORMATION

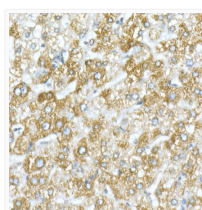
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



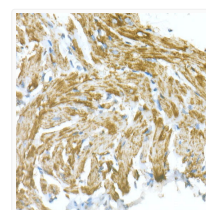
Western blot analysis of extracts of various cell lines, using VDAC1/ Porin antibody (STJ26080) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



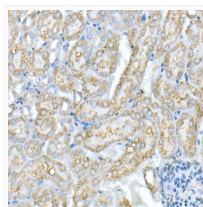
Western blot analysis of extracts of various cell lines, using VDAC1/ Porin antibody (STJ26080) at 1:400 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human liver using VDAC1/ Porin rabbit polyclonal antibody (STJ26080) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse heart using VDAC1/ Porin rabbit polyclonal antibody (STJ26080) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat liver using VDAC1/ Porin rabbit polyclonal antibody (STJ26080) at dilution of 1:20 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.