

Recombinant Human VDAC1/Porin protein ab132481

2 References 1 图像

描述	
产品名称	重组人VDAC1/Porin蛋白
表达系统	Wheat germ
Accession	P21796
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MAVPPTYADLGKSARDVFTKGYGFGLIKLDLKTSENGLEFT SSGSANTE TTKVTGSLETKYRWTEYGLTFTEKWNTDNTLGTEITVEDQLA RGLKLTFD SSFSPNTGKKNAIKTGYKREHINLGCDMDFDIAGPSIRGAL VLGYEGWL AGYQMFETAKSRVTQSNFAVGKYKTDEFQLHTNVNDGTEFGG SIYQKVNK KLETAVNLAWTAGNSNTRFGIAAKYQIDPDACFSAKVNNSSL IGLGYTQT LKPGIKLTLSALLDGKNVNAGGHKLGLGLEFQA
预测分子量	57 kDa including tags
氨基酸	1 to 283
标签	GST tag N-Terminus
技术指标	
Our Abpromise guarantee covers the use of ab132481 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	ELISA Western blot SDS-PAGE
形式	Liquid
补充说明	Protein concentration is above or equal to 0.05 mg/ml.

制备和贮存

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

常规信息

功能

Forms a channel through the mitochondrial outer membrane and also the plasma membrane. The channel at the outer mitochondrial membrane allows diffusion of small hydrophilic molecules; in the plasma membrane it is involved in cell volume regulation and apoptosis. It adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective. May participate in the formation of the permeability transition pore complex (PTPC) responsible for the release of mitochondrial products that triggers apoptosis.

组织特异性

Heart, liver and skeletal muscle.

序列相似性

Belongs to the eukaryotic mitochondrial porin family.

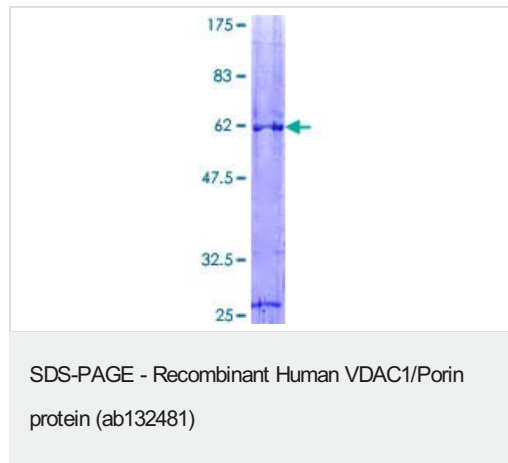
结构域

Consists mainly of a membrane-spanning beta-barrel formed by 19 beta-strands. The helical N-terminus folds back into the pore opening and plays a role in voltage-gated channel activity.

细胞定位

Mitochondrion outer membrane. Cell membrane.

图片



12.5% SDS-PAGE analysis of ab132481 stained with Coomassie Blue

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