

Product datasheet

Anti-VDAC1/Porin antibody ab10523

1 References

製品の概要

製品名	Anti-VDAC1/Porin antibody
製品の詳細	Rabbit polyclonal to VDAC1/Porin
由来種	Rabbit
特異性	The immunogen used in producing this product has considerable homology (60-70%) with the human, rat, and mouse VDAC isoforms VDAC2 and VDAC3.
アプリケーション	適用あり: Dot blot
種交差性	交差種: Rat 交差が予測される動物種: Rabbit, Cow, Human
免疫原	Synthetic peptide corresponding to Human VDAC1/Porin aa 152-169 conjugated to Keyhole Limpet Haemocyanin (KLH). Sequence: GYQMFETAKSRVTQSNFA

[Run BLAST with](#)

[Run BLAST with](#)

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
精製度	IgG fraction
特記事項 (精製)	Whole antiserum is fractionated and then further purified by ion-exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins.
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab10523** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Dot blot		
追加情報 Dot: 1/2000, determined using rat liver mitochondria extract. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.		
ターゲット情報		
機能	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.	
組織特異性	Heart, liver and skeletal muscle.	
配列類似性	Belongs to the eukaryotic mitochondrial porin family.	
ドメイン	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.	
細胞内局在	Mitochondrion outer membrane. Cell membrane.	

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