

## 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	<b>適用あり:</b> Dot blot
種交差性	<b>交差種:</b> Rat <b>交差が予測される動物種:</b> 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		
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<b>追加情報</b>	Dot: 1/2000, determined using rat liver mitochondria extract.  Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.	
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<b>ターゲット情報</b>		
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<b>機能</b>	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.	
<b>組織特異性</b>	Heart, liver and skeletal muscle.	
<b>配列類似性</b>	Belongs to the eukaryotic mitochondrial porin family.	
<b>ドメイン</b>	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.	
<b>細胞内局在</b>	Mitochondrion outer membrane. Cell membrane.	

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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