

Product datasheet

Anti-Aquaporin 3 antibody ab15117

★★★★★ 2 Abreviews 1 References

製品の概要

製品名	Anti-Aquaporin 3 antibody
製品の詳細	Rabbit polyclonal to Aquaporin 3
由来種	Rabbit
アプリケーション	適用あり: WB, ELISA, IHC-Fr
種交差性	交差種: Rat 交差が予測される動物種: Mouse, Human
免疫原	Synthetic peptide (Rat) conjugated to KLH (C terminal).
ポジティブ・コントロール	Rat kidney medulla or outer cortex.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: 40% Glycerol, Whole serum
精製度	Whole antiserum
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 **ab15117** 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
WB		1/1000 - 1/5000. Predicted molecular weight: 32 kDa. Can be blocked with Aquaporin 3 peptide (ab80550) .
ELISA		1/10000 - 1/50000.

アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★	1/50.

ターゲット情報

機能	Water channel required to promote glycerol permeability and water transport across cell membranes. Acts as a glycerol transporter in skin and plays an important role in regulating SC (stratum corneum) and epidermal glycerol content. Involved in skin hydration, wound healing, and tumorigenesis. Provides kidney medullary collecting duct with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient. Slightly permeable to urea and may function as a water and urea exit mechanism in antidiuresis in collecting duct cells. It may play an important role in gastrointestinal tract water transport and in glycerol metabolism.
組織特異性	Widely expressed in epithelial cells of kidney (collecting ducts) and airways, in keratinocytes, immature dendritic cells and erythrocytes. Isoform 2 is not detectable in erythrocytes at the protein level.
配列類似性	Belongs to the MIP/aquaporin (TC 1.A.8) family.
ドメイン	Aquaporins contain two tandem repeats each containing three membrane-spanning domains and a pore-forming loop with the signature motif Asn-Pro-Ala (NPA).
細胞内局在	Basolateral cell membrane. In collecting ducts of kidney.

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