

Anti-AIPL1 antibody [EPR7711] ab128960

リコンビナント RabMAb

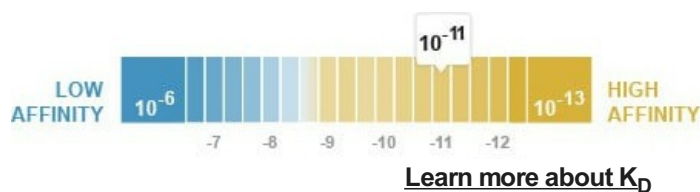
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製品の概要

製品名	Anti-AIPL1 antibody [EPR7711]
製品の詳細	Rabbit monoclonal [EPR7711] to AIPL1
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB 適用なし: ICC/IF or IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide within Human AIPL1 aa 350-450. The exact sequence is proprietary.
ポジティブ・コントロール	Y79 cell lysate; permeabilized Y79 cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 2.25 x 10 ⁻¹¹ M



バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR7711
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab128960の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

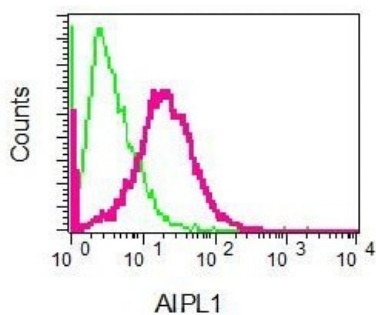
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Detects a band of approximately 44 kDa (predicted molecular weight: 44 kDa).

追加情報 Is unsuitable for ICC/IF or IHC-P.

ターゲット情報

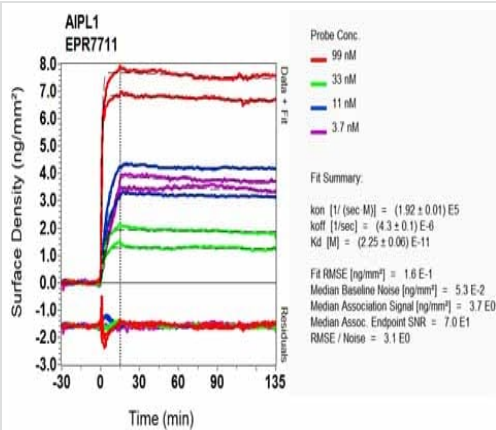
機能	May be important in protein trafficking and/or protein folding and stabilization.
組織特異性	Highly expressed in retina. Specifically localized to the developing photoreceptor layer and within the photoreceptors of the adult retina.
関連疾患	Defects in AIPL1 are the cause of Leber congenital amaurosis type 4 (LCA4) [MIM:604393]. LCA designates a clinically and genetically heterogeneous group of childhood retinal degenerations, generally inherited in an autosomal recessive manner. Affected infants have little or no retinal photoreceptor function as tested by electroretinography. LCA represents the most common genetic cause of congenital visual impairment in infants and children.
配列類似性	Contains 1 PPlase FKBP-type domain. Contains 3 TPR repeats.
細胞内局在	Cytoplasm. Nucleus.

画像



Flow Cytometry (Intracellular) - Anti-AIPL1 antibody
[EPR7711] (ab128960)

ab128960, at 1/10 dilution staining AIPL1 (red) in permeabilized Y79 cells, compared with a negative rabbit IgG (green) by intracellular flow cytometry.

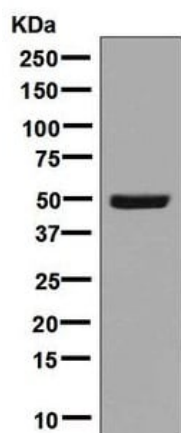


BI-RD Scanning - Anti-AIPL1 antibody [EPR7711]
(ab128960)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)



Western blot - Anti-AIPL1 antibody [EPR7711]
(ab128960)

Anti-AIPL1 antibody [EPR7711] (ab128960) at 1/10000 dilution + Y79 cell lysate at 10 μ g

Secondary

HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-AIPL1 antibody [EPR7711] (ab128960)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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