

Product datasheet

Anti-GRK1 antibody ab57928

画像数 1

製品の概要

製品名	Anti-GRK1 antibody
製品の詳細	Mouse monoclonal to GRK1
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Recombinant fragment: RDSLSLEFES VCLEQPIGKK LFQQFLQSAE KHLPALELWK DIEDYDTADN DLQPQKAQTI LAQYLDPQAK LFCSFLDEGI VAKFKEGPVE IQDGLFQPLL , corresponding to amino acids 51-150 of Human GRK1 Run BLAST with ExPASy Run BLAST with NCBI

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2b
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab57928** 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

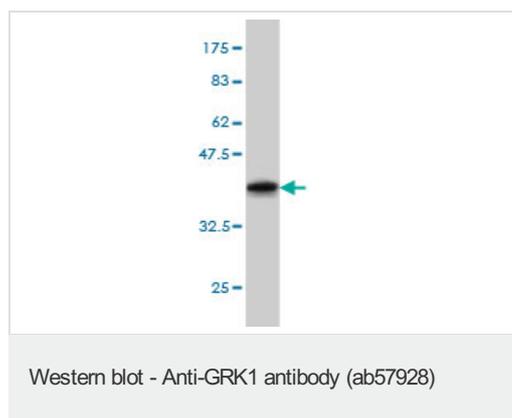
アプリケーション	Abreviews	特記事項
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WB Use a concentration of 1 - 5 µg/ml.
This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

ターゲット情報

機能	Retina-specific kinase involved in the signal turnoff via phosphorylation of rhodopsin (RHO), the G protein- coupled receptor that initiates the phototransduction cascade. This rapid desensitization is essential for scotopic vision and permits rapid adaptation to changes in illumination.
組織特異性	Retinal-specific. Expressed in rods and cones cells.
関連疾患	Night blindness, congenital stationary, Oguchi type 2
配列類似性	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain. Contains 1 RGS domain.
翻訳後修飾	Autophosphorylated, Ser-21 is a minor site of autophosphorylation compared to Ser-491 and Thr-492 (By similarity). Phosphorylation at Ser-21 is regulated by light and activated by cAMP. Farnesylation is required for full activity.
細胞内局在	Membrane.

画像



Western blot against tagged recombinant protein immunogen using ab57928 GRK1 antibody at 1ug/ml. Predicted band size of immunogen is 37 kDa

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