

# Anti-KCNE1 antibody ab65795

## 2 References

### 製品の概要

|          |   |
|----------|---|
| 製品名      | Anti-KCNE1 antibody   |
| 製品の詳細    | Rabbit polyclonal to KCNE1  |
| 由来種      | Rabbit  |
| アプリケーション | <b>適用あり:</b> IHC-P, ICC/IF, WB  |
| 種交差性     | <b>交差種:</b> Human   |
| 免疫原      | Synthetic peptide derived from the N terminal domain of human KCNE1.  |
| 特記事項     | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

### 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  | Constituent: 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

**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ab65795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                                     |
|----------|-----------|--|
| IHC-P    |           | Use at an assay dependent concentration. |
| ICC/IF   |           | Use at an assay dependent concentration. |
| WB       |           | Use at an assay dependent concentration. |

## ターゲット情報

|       |   |
|-------|---|
| 機能    | Ancillary protein that assembles as a beta subunit with a voltage-gated potassium channel complex of pore-forming alpha subunits. Modulates the gating kinetics and enhances stability of the channel complex. Assembled with KCNQ1/KVLQT1 is proposed to form the slowly activating delayed rectifier cardiac potassium (IKs) channel. The outward current reaches its steady state only after 50 seconds. Assembled with KCNH2/HERG may modulate the rapidly activating component of the delayed rectifying potassium current in heart (IKr).   |
| 組織特異性 | Expressed in heart, lung, kidney, testis, ovaries, small intestine, peripheral blood leukocytes. Not detected in pancreas, spleen, prostate and colon. Restrictively localized in the apical membrane portion of epithelial cells.  |
| 関連疾患  | Jervell and Lange-Nielsen syndrome 2 (JLNS2) [MIM:612347]: An autosomal recessive disorder characterized by congenital deafness, prolongation of the QT interval, syncopal attacks due to ventricular arrhythmias, and a high risk of sudden death. Note=The disease is caused by mutations affecting the gene represented in this entry.<br>Long QT syndrome 5 (LQT5) [MIM:613695]: A heart disorder characterized by a prolonged QT interval on the ECG and polymorphic ventricular arrhythmias. They cause syncope and sudden death in response to exercise or emotional stress, and can present with a sentinel event of sudden cardiac death in infancy. Note=The disease is caused by mutations affecting the gene represented in this entry. |
| 配列類似性 | Belongs to the potassium channel KCNE family.   |
| 翻訳後修飾 | Phosphorylation inhibits the potassium current.<br>N-glycosylation at Asn-26 occurs post-translationally, and requires prior cotranslational glycosylation at Asn-5.  |
| 細胞内局在 | Membrane.   |

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

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