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Datasheet for ABIN903489

anti-KCND1 antibody (AA 301-400) (AbBy Fluor® 555)

Overview

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | KCND1 (Kcnd1) |
| Binding Specificity: | AA 301-400 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KCND1 antibody is conjugated to AbBy Fluor® 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|-----------------------------------------------------------------|
| Immunogen: | KLH conjugated synthetic peptide derived from human KCND1/Kv4.1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Pig,Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|------------------------------------------|
| Target: | KCND1 (Kcnd1) |
| Alternative Name: | KCND1 (Kcnd1 Products) |

Target Details

Background: Synonyms: Kcnd1, KCND1_HUMAN, Kv4.1, mShal, Potassium voltage gated channel Shal related subfamily member 1, Potassium voltage gated channel subfamily D member 1, Potassium voltage-gated channel subfamily D member 1, Shal type potassium channel, Voltage gated potassium channel Kv4.1, Voltage gated potassium channel subunit Kv4.1, Voltage-gated potassium channel subunit Kv4.1.

Background: Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels. May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.

Gene ID: 3750

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months
