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## Datasheet for ABIN5005758 **anti-KCNA5 antibody (Alexa Fluor 750)**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | KCNA5  |
| Reactivity:  | Human, Rat, Mouse, Dog                               |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This KCNA5 antibody is conjugated to Alexa Fluor 750 |
| Application: | Western Blotting (WB)                                |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human KCNA5 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Chicken, Rabbit         |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | KCNA5   |
| Alternative Name: | KCNA5 ( <a href="#">KCNA5 Products</a> )  |
| Background:       | Synonyms: HK2, HCK1, PCN1, ATFB7, HPCN1, Kv1.5, Potassium voltage-gated channel subfamily A member 5, Voltage-gated potassium channel HK2, Voltage-gated potassium channel subunit Kv1.5, KCNA5<br>Background: Mediates the voltage-dependent potassium ion permeability of excitable |

## Target Details

membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. This channel displays rapid activation and slow inactivation. May play a role in regulating the secretion of insulin in normal pancreatic islets. Isoform 2 exhibits a voltage-dependent recovery from inactivation and an excessive cumulative inactivation.

Gene ID: 3741

UniProt: [P22460](#)

## Application Details

Application Notes: IF(IHC-P) 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.

Storage: -20 °C

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

Expiry Date: 12 months