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Datasheet for ABIN7146328
anti-EFHA1 antibody (AA 26-247) (FITC)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | EFHA1 |
| Binding Specificity: | AA 26-247 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This EFHA1 antibody is conjugated to FITC |
| Application: | Please inquire |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Calcium uptake protein 2, mitochondrial protein (26-247AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | EFHA1 |
| Alternative Name: | MICU2 (EFHA1 Products) |
| Background: | Background: Key regulator of mitochondrial calcium uniporter (MCU) required to limit calcium uptake by MCU when cytoplasmic calcium is low (PubMed:24503055, PubMed:24560927, |

Target Details

PubMed:26903221). MICU1 and MICU2 form a disulfide-linked heterodimer that stimulate and inhibit MCU activity, depending on the concentration of calcium (PubMed:24560927). MICU2 acts as a gatekeeper of MCU that senses calcium level via its EF-hand domains: prevents channel opening at resting calcium, avoiding energy dissipation and cell-death triggering (PubMed:24560927).

Aliases: 1110008L20Rik antibody, EF hand domain containing family member A1 antibody, EF hand domain family A1 antibody, EF hand domain family member A1 antibody, EF-hand domain-containing family member A1 antibody, EFHA1 antibody, EFHA1 EF hand domain family member A1 antibody, EFHA1_HUMAN antibody, FLJ25016 antibody, FLJ34588 antibody, Smhs2 homolog antibody

UniProt: [Q8IYU8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.