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Datasheet for ABIN1394967

anti-TMEM132A antibody (AA 331-430) (Alexa Fluor 350)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | TMEM132A |
| Binding Specificity: | AA 331-430 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TMEM132A antibody is conjugated to Alexa Fluor 350 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human TMEM132A |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Cow, Sheep, Pig, Horse, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | TMEM132A |
| Alternative Name: | TMEM132A (TMEM132A Products) |
| Background: | Synonyms: GBP, HSPA5-binding protein 1, HSPA5BP1, T132A_HUMAN, Tmem132a, |

Target Details

Transmembrane protein 132A.

Background: TMEM132A is a 560 amino acid protein encoded by a gene mapping to human chromosome 11. With approximately 135 million base pairs and 1,400 genes, chromosome 11 makes up around 4 % of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sick cell anemia and thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11.

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