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Datasheet for ABIN896006

anti-FAHD2A antibody (AA 121-230) (Alexa Fluor 350)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | FAHD2A |
| Binding Specificity: | AA 121-230 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FAHD2A antibody is conjugated to Alexa Fluor 350 |
| 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 FAHD2A |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Horse, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | FAHD2A |
| Alternative Name: | FAHD2A (FAHD2A Products) |
| Background: | Synonyms: CGI 105, FAH2A_HUMAN, FAHD 2A, FAHD2A, Fumarylacetoacetate hydrolase |

Target Details

domain containing 1, Fumarylacetoacetate hydrolase domain containing 2A, Fumarylacetoacetate hydrolase domain containing protein 2A, Fumarylacetoacetate hydrolase domain-containing protein 2A.

Background: The FAH family contains two highly homologous 314 amino acid proteins, designated FAHD2A (fumarylacetoacetate hydrolase domain-containing protein 2A) and FAHD2B (fumarylacetoacetate hydrolase domain-containing protein 2A). FAHD2A and B utilize calcium and magnesium as cofactors, and may possess hydrolase activity. The genes encoding FAHD2A/B map to human chromosome 2, the second largest human chromosome, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome, is also associated with mutations to chromosome 2.

Gene ID: 51011

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.

Handling

Expiry Date: 12 months