Datasheet for ABIN896007

anti-FAHD2A antibody (AA 121-230) (Alexa Fluor 488)

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Overview

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 488
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 icthyosis, 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