

DATASHEET

FUCA2 Rabbit Polyclonal Antibody

CAT. NO. APA14094

KEY FEATURES

Target	FUCA2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Alpha-L-fucosidase is responsible for hydrolyzing the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to FUCA2
Specificity	Recognizes endogenous levels of FUCA2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FUCA2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 19; Observed: 41 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Plasma alpha-L-fucosidase; Alpha-L-fucoside fucohydrolase 2; Alpha-L-fucosidase 2
Gene Symbol	FUCA2
Entrez Gene	2519(Human); 66848(Mouse); 292485(Rat)
SwissProt	Q9BTY2(Human); Q99KR8(Mouse); Q6AYS4(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

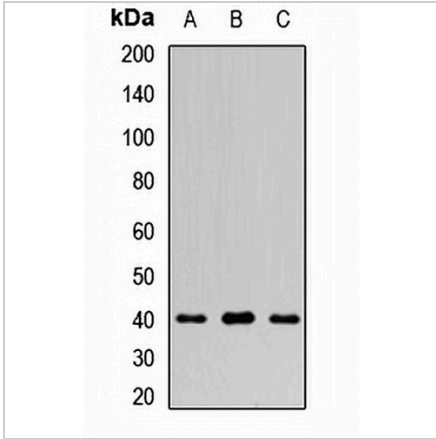
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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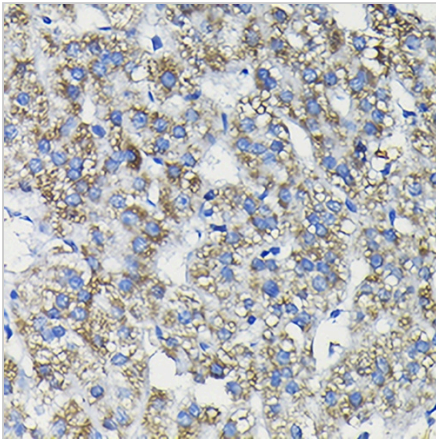
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DATA



Western blot analysis of FUCA2 expression in LO2 (A), mouse kidney (B), rat heart (C) whole cell lysates. (Predicted band size: 19; 54 kD; Observed band size: 41 kD)



Immunohistochemical analysis of FUCA2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.