

For Research Use Only

FUCA2 Polyclonal antibody, PBS Only

Catalog Number: 30080-1-PBS



Basic Information

Catalog Number:

30080-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32467

GenBank Accession Number:

BC003060

GeneID (NCBI):

2519

UNIPROT ID:

Q9BTY2

Full Name:

fucosidase, alpha-L- 2, plasma

Calculated MW:

54 kDa

Observed MW:

54-60 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

Alpha-L-fucosidase 2 (FUCA2) is a gene that codes for a secreted non-lysosomal enzyme and belongs to the glycosyl hydrolase 29 (GH29) family. The enzyme is responsible for the removal of the alpha-1,6-fucose linked to N-acetylglucosamine residue of glycoproteins. Serum FUCA2 is a potential biomarker used for early detection of esophageal squamous cell carcinoma (ESCC) and hepatocellular carcinoma (HCC). FUCA2 has 2 isoforms with the molecular mass of 20 and 54 kDa (PMID: 34935631). Sometimes higher molecular weight around 60 kDa can also be observed, which may be a modified variant of FUCA2.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

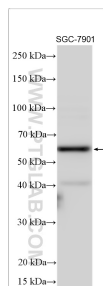
T: 4006900926

E: Proteintech-CN@ptglab.com

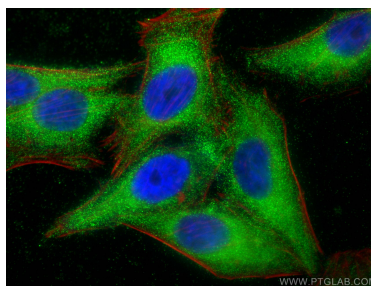
W: ptgcn.com

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Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 30080-1-AP (FUCA2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30080-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FUCA2 antibody (30080-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 30080-1-PBS in a different storage buffer formulation.