



Rabbit Anti-FUCA2 antibody

SL16192R

Product Name:	FUCA2
Chinese Name:	α -L岩藻糖苷酶2抗体
Alias:	Alpha L fucosidase 2; Alpha L fucosidase fucohydrolase 2; Alpha-L-fucosidase 2; Alpha-L-fucoside fucohydrolase 2; dJ20N2.5; FUCA 2; FUCA2; FUCO2; FUCO2_HUMAN; Fucosidase alpha L 2 plasma; MGC1314; Plasma alpha L fucosidase; Plasma alpha-L-fucosidase; RP1 20N2.5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	51kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FUCA2:331-430/467
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. The protein is a member of the glycosyl hydrolase 29 family, and catalyzes the hydrolysis of the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. This

enzyme is essential for Helicobacter pylori adhesion to human gastric cancer cells.
[provided by RefSeq, Aug 2010]

Function:

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.

Subcellular Location:

Secreted.

Similarity:

Belongs to the glycosyl hydrolase 29 family.

SWISS:

Q9BTY2

Gene ID:

2519

Database links:

[Entrez Gene: 2519](#) Human

[Entrez Gene: 100174203](#) Orangutan

[Omid: 136820](#) Human

[SwissProt: Q9BTY2](#) Human

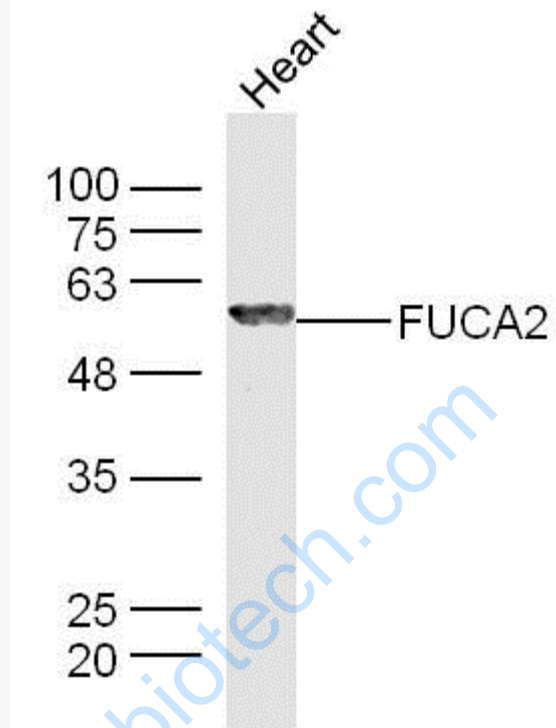
[SwissProt: Q5RFI5](#) Orangutan

[Unigene: 17680](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



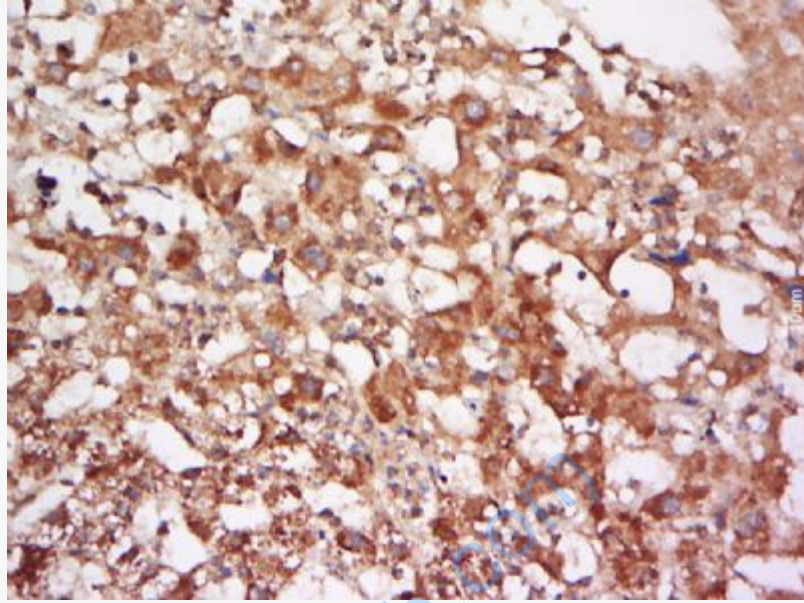
Protein: heart(mouse) lysate at 40ug;

Primary: rabbit Anti-FUCA2(SL16192R) at 1:300;

Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL16192R) at 1: 5000;

Predicted band size: 51 kD

Observed band size: 51 kD



Tissue/cell: human liver cancer; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-FUCA2 Polyclonal Antibody, Unconjugated(SL16192R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining