SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FUCA2 antibody

Catalog Number: SL16192R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FUCA2
Immunogen:	KLH conjugated synthetic peptide derived from human FUCA2: 331-430/467
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Chicken,Cow,Horse,Sheep)
Predicted MW.:	51kDa
Subcellular Location:	cytoplasmic
Background:	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.

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

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	Database links: **Entrez Gene:** 2519 Human **Entrez Gene:** 100174203 Orangutan Omim: 136820 Human **SwissProt:** Q9BTY2 Human **SwissProt:** Q5RFI5 Orangutan **Unigene:** 17680 Human

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