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FUCA2 Rabbit pAb

Catalog # AP99663

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9BTY2
Other Accession	Q9BTY2
Reactivity	Mouse
Predicted	Rat, Human, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54067
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FUCA2
Epitope Specificity	331-430/467
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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.
Background Descriptions	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]

Additional Information

Gene ID	2519
Other Names	dJ20N2.5; CR201_G0003809; FUCO2_HUMAN; FUCA2; Alpha-L-fucoside fucohydrolase 2 (Alpha-L-fucosidase 2); 3.2.1.51; FUCO2_PONAB; alpha-L-fucosidase 2; fucosidase, alpha-L- 2, plasma; α-L-fucosidase 2; plasma fucosidase; a-L-fucosidase 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	FUCA2
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.
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.