# α-L 岩藻糖苷酶抗体

**产品货号：** mlR2940

**英文名称：** FUCA1

**中文名称：** α-L 岩藻糖苷酶抗体

**别　　名：** Alpha L fucosidase I; Alpha L fucoside fucohydrolase; Alpha-L-fucosidase 1; Alpha-L-fucosidase I; Alpha-L-fucoside fucohydrolase 1; FUCA; FUCA1; FUCO_HUMAN; Tissue alpha L fucosidase; Tissue alpha-L-fucosidase.

**研究领域：** 肿瘤　细胞生物　免疫学　信号转导　肿瘤细胞生物标志物

**抗体来源：** Rabbit

**克隆类型：** Polyclonal

**交叉反应：** Human, Mouse, Rat, Dog, Pig, Cow, Horse,

**产品应用：** WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

**分 子 量：** 50kDa

**细胞定位：** 细胞浆

**性　　状：** Lyophilized or Liquid

**浓　　度：** 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human FUCA1/Alpha L fucosidase I:321-420/466

**亚　　型：** IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件 ：** 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

**产品介绍 background:**

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

**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.

**Subunit**:

Homotetramer.

**Subcellular Location:**

Lysosome.

**DISEASE:**

Fucosidosis (FUCA1D) [MIM:230000]: An autosomal recessive lysosomal storage disease characterized by accumulation of fucose-containing glycolipids and glycoproteins in various tissues. Clinical signs include facial dysmorphism, dysostosis multiplex, moderate hepatomegaly, severe intellectual deficit, deafness, and according to age, angiokeratomas. Note=The disease is caused by mutations affecting the gene represented in this entry.

**Similarity:**

Belongs to the glycosyl hydrolase 29 family.

**SWISS:**

P04066

**Gene ID:**

2517

**Important Note:**

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

α-L-岩藻糖苷酶是一种催化含岩藻糖基的糖蛋白、糖脂等生物活性大分子水解酶的溶酶体酸性水解酶。其广泛分布于人体组织细胞、血液和体液中。参与体内糖蛋白、糖脂和寡糖的代谢。由于肝癌患者α-L-岩藻糖苷酶明显升高，目前它被认为是原发性肝癌的一种新的肿瘤标记物。α-L 岩藻糖苷酶升高：见于原发性

肝癌、转移性肝癌、肝硬化、急性肝炎等。

**产品图片：**