SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-GFOD2 antibody

SL8405R

Product Name:	GFOD2
Chinese Name:	葡萄糖果糖还原酶2抗体
Alias:	GFOD2; GFOD2_HUMAN; Glucose fructose oxidoreductase domain containing 2; Glucose fructose oxidoreductase domain containing protein 2; Glucose-fructose oxidoreductase domain-containing protein 2; MGC11335.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	40kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GFOD2:301-385/385
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:	GFOD2 is a 385 amino acid secreted protein of the extracellular matrix that belongs to the gfo/idh/mocA family. Existing as two alternatively spliced isoforms, GFOD2 enhances matrix assembly and is encoded by a gene that maps to human chromosome 16q22.1. Chromosome 16 encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may

lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.

Function:
Promotes matrix assembly (By similarity).

Subcellular Location:
Secreted, extracellular space, extracellular matrix (By similarity).

Similarity:
Belongs to the Gfo/Idh/MocA family.

SWISS:
Q3B7J2

Gene ID:
81577

Database links:

Entrez Gene: 81577Human

SwissProt: Q3B7J2Human

Unigene: 307084Human

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