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Datasheet for ABIN1398893

anti-GFOD2 antibody (AA 301-385) (Alexa Fluor 555)

Overview

Quantity:	100 µL
Target:	GFOD2
Binding Specificity:	AA 301-385
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFOD2 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GFOD2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GFOD2
Alternative Name:	GFOD2 (GFOD2 Products)
Background:	Synonyms: GFOD2, GFOD2_HUMAN, Glucose fructose oxidoreductase domain containing 2,

Target Details

Glucose fructose oxidoreductase domain containing protein 2, Glucose-fructose oxidoreductase domain-containing protein 2, MGC11335.

Background: 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.

Gene ID: 81577

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months