

[Go to Product page](#)

Datasheet for ABIN2813702

anti-GFOD2 antibody (AA 301-385) (Alexa Fluor 594)

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 594 |
| 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