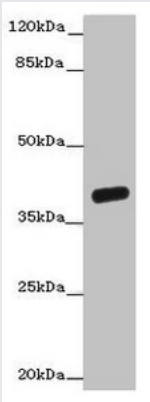
OGFOD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OGFOD2, Polyclonal Antibody
Full Product Name	OGFOD2 Antibody
Product Gene Name	anti-OGFOD2 antibody
Product Synonym Names	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 2; OGFOD2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: OGFOD2 (MBS7005592) Biotin Conjugated Antibody: OGFOD2 (MBS7001310)
Matching Pairs	Unconjugated Antibody: OGFOD2 (MBS7005592) HRP Conjugated Antibody: OGFOD2 (MBS7005501)
Matching Pairs	Unconjugated Antibody: OGFOD2 (MBS7005592) FITC Conjugated Antibody: OGFOD2 (MBS7005636)
Molecular Weight	20,288 Da
3D Structure	ModBase 3D Structure for Q6N063
Immunogen	Recombinant human 2-oxoglutarate and iron-dependent oxygenase domain-containing protein 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-243664 / sc-243665 / sc-243666
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-OGFOD2 antibody	ELISA (EIA), Western Blot (WB)
Related Product Information for anti-OGFOD2 antibody	MBS7005592 is an antibody targeting OGFOD2. Also known as OGFOD2 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-OGFOD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-OGFOD2 antibody
Western blotAll lanes: OGFOD2 antibody at 3 ug/ml+Mouse liver tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 39,33,15,21 kDaObserved band size: 39 kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OGFOD2. It may not necessarily be applicable to this product.

NCBI GI #	756140962
NCBI GeneID	79676
NCBI Accession #	NP_001291762.1
UniProt Primary Accession #	Q6N063
UniProt Secondary Accession #	Q4KN13; Q6N023; Q9H8K6; B3KT24
UniProt Related Accession #	Q6N063
GenBank Nucleotide #	NM_001304833.1
NCBI Official Full Name	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 2 Isoform 1
NCBI Official Synonym Full Names	2-oxoglutarate and iron-dependent oxygenase domain containing 2
NCBI Official Symbol	OGFOD2
UniProt Protein Name	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 2
Protein Family	2-oxoglutarate and iron-dependent oxygenase domain-containing protein
UniProt Gene Name	OGFOD2
UniProt Entry Name	OGFD2_HUMAN
NCBI Protein Information	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 2
UniProt Comments for OGFOD2	OGFOD2: Belongs to the OGFOD2 family. 4 isoforms of the human protein are produced by alternative splicing. Protein type: EC 1.14.11.-; Oxidoreductase Chromosomal Location of Human Ortholog: 12q24.31 Molecular Function: dioxygenase activity; iron ion binding; L-ascorbic acid binding; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen
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